CHEMIST AND DRUGGIST

For Retailer, Wholesaler and Manufacturer

OCTOBER 27 1956





Give Lyxung

GIVE CUSSONS

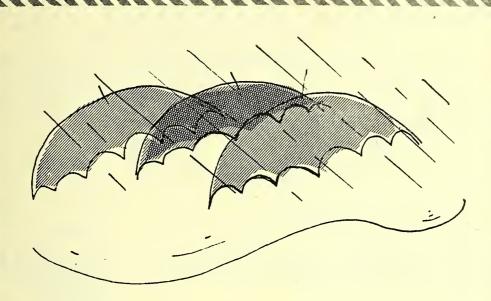
NATIONAL COLOUR CAMPAIGN

GIFT SETS by Cussons

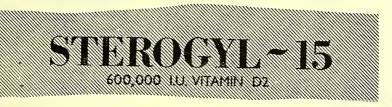
Full pages in full colour will arrest attention to Cussons gift sets in mass circulation women's magazines this Autumn. Be prepared with adequate stocks to meet a bigger demand than ever. Remember, no charge is made on the attractive Christmassy packs, and all the contents are standard lines saleable separately at any time of the year.

Cussons

KERSAL VALE · MANCHESTER · 7



for Chilblains...



oral-massive dose

doses



One ampoule weekly for three consecutive weeks



ALCOHOLIC FOR ADULTS

OILY FOR INFANTS

843-847 Harrow Road, London, N.W.10.

LADbroke 3608



provides calcium aspirin in pure

and Stable form

The trend of medical opinion in this matter is evident. Soluble aspirin is being prescribed more and more. Solprin meets the increasing need for a soluble form of aspirin of consistently high quality.

Solprin dissolves rapidly in water to form a solution of calcium aspirin that is substan-

tially neutral. It has proved rapid and reliable in its analgesic effect, and is far less likely to provoke the gastric irritation sometimes caused by insoluble forms of aspirin. Solprin is not advertised to the public and is available only on prescription. The claims of Solprin are continuously kept before doctors.



SOLPRIN

Aspirin in soluble, stable form

Available in 500 tablet packs

Solprin is packed in units of 10 tablets (in foil), 50 units to the pack. The N.H.S. basic price for this pack is 12/6. It is available only on prescription and only in Gt. Britain and Northern Ireland.

RECKITT & COLMAN LTD., HULL & LONDON (PHARMACEUTICAL DEPT., HULL)

The season for health lamps is here again...

Stock up with



INFRAPHIL Model 'B'

Of all Philips Health Lamps, this is the lightest in weight and lowest in cost. It can be used off any AC/DC mains point on 110-250 voltage range. Price £3 3s. 0d.

PHILIPS

INFRAIPHIL and

SUNLA MIP (Made in Holland)

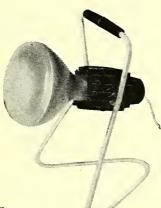
This month, Philips are taking full-page advertisements in the medical press. These will remind doctors of the three Philips portable infra-red and ultra-violet lamps now available for home treatment. Naturally, you stand to gain extra sales from this campaign.

N.B. These Philips lamps must only be sold when a signed medical certificate is produced.

Ultra-violet SUNLAMP

This well-designed and versatile ultra-violet lamp is both safe and simple to use. For AC mains, 200-250 v. only.

Price £5 17s. 6d., complete with protective goggles.



Showcards and leaflets are obtainable from Philips Regional Branch offices, or from your wholesaler.



INFRAPHIL Model 'A'

This lamp has a robust, streamlined stand, the base of which can be easily fixed to a wall for downward irradiation. It has a protective casing which lessens the likelihood of damage and makes it an ideal lamp for travelling. AC/DC mains, 110-250 v. Price £4 4s. 0d.



PHILIPS ELECTRICAL LIMITED

ELECTRICAL APPLIANCES DIVISION . CENTURY HOUSE . SHAFTESRURY AVENUE . LONDON . W.C.

(INF1073)



CHRISTMAS STOCKS

When ordering your Christmas Stocks of "Chiloth" Atomisers make sure you get adequate supplies of this attractive point-of-sale display card—it catches the eye of the customer yet doesn't take up too much valuable counter or window space!



Other articles from our range of polythene containers include bottles and jars of from 5 c.c. to 13 gallon capacity, in plain, pink, green or blue pastel shades and all types of fitments with attractive matching or contrasting tops.

Send for catalogue

ACORN 5073-4

157 DUKES ROAD, LONDON, .W3

Advertised Everywhere...

SUCTO THE BIOCHEMIC TABLET

'Elasto' is a non-competitive line for Leg Sufferers — its sales mean new business. Recommend 'Elasto' and a satisfied customer will recommend you. The profit per sale is 1/8.

NEW ERA LABORATORIES LTD

Cecil House, Holborn Viaduct, London, E.C.I



COLORIS SHAVING BRUSHES

-DISEASES AND REMEDIES-10th Edition, 1955

Contains numerous additions made since the 9th edition (published 1953), which was completely rewritten. A concise survey of the most modern methods of medicine. It provides pharmacists with a text-book of information on the treatment of diseases and the drugs used.

PRICE 15/- Postage 9d.

Order direct from:

THE CHEMIST & DRUGGIST

-28 ESSEX STREET, STRAND, LONDON, W.C.2

The New Cardinal
POPULAR

Ultra-Violet Lamp (Prescription Model 42)

List £7.13.6 Price

A combination of beauty, quality and efficiency that guarantees quick sales.

ULTRA-VIOLET LTD.
4 VERNON PLACE, LONDON, W.C.I

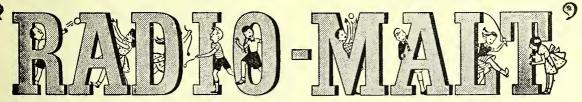


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This winter they'll want



- contains vitamins A B₁ B₂ D
- toffee-flavoured—children love it
- sold through chemists only

PACKINGS AND PRICES
TRADE
RETAI

I lb. jar $2/5\frac{1}{2}$ d 3/62 lb. jar 4/4 6/3

Take advantage of our quantity terms to be published in B.D.H. Information

'RADIO-MALT' for radiant health



THE BRITISH DRUG HOUSES LTD. LONDON N.I

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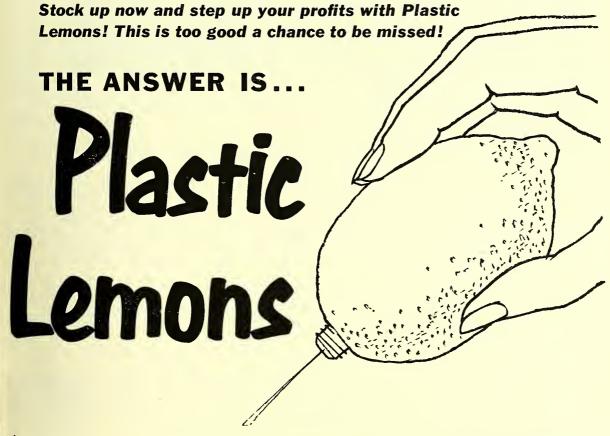




Lemons from the Mediterranean are scarce and expensive. But Plastic Lemons are both plentiful and

very good value! Here's a great chance to introduce your customers to Plastic Lemons.

They'll buy them; they'll like them; they'll come again for more! Each Plastic Lemon contains the juice of Three Fresh Lemons — and sells at a fraction of the cost! There's no work, no waste, and they are always ready-to-hand for drinks, fish, pancakes, salads, mincemeat and flavouring.



A reminder to the Trade from RECKITT & COLMAN LTD., CARROW WORKS, NORWICH

No. 7 of a New Series presented by Arthur H. COX & CO. LTD



those who read "The Morning Post" on 22nd February saw these headlines "SOCIETY FOR THE RELIEF OF MARINERS AND FISHERMEN, OR THEIR WIDOWS AND ORPHANS", followed by a description of a meeting which

was held the day before at the London Tavern in Bishopsgate Street.

This Society to be known as The Shipwrecked Fishermen & Mariners' Royal Benevolent Society, and which was to illumine seafaring history in the same way that a great lighthouse pierces the night with its reassuring beam, was founded at the suggestion of Mr. John Rye, a retired medical man of Bath who was appalled at the great loss of life to a fleet of fishing vessels in the Bristol Channel the previous year.

With the help of many famous men of the time, including two Rear Admirals of the Royal Navy, a large and influential Committee of Management was formed, and in 1850 the Society was incorporated under a special Act of Parliament with wide powers to carry out any act for the benefit of seafarers and their families.

Today the extent of the services rendered by the Society can be visualised by the fact that this organisation ensures that every seaman landed on our coasts after shipwreck will find an Honorary Agent of the Society ready and willing to help him, and that no British seaman can lose his life at sea without immediate relief being available for his widow and orphans. That is a magnificent achievement and one of which as a great seafaring nation we should be very proud.

1839 also saw the foundation of Arthur H. Cox & Co., Ltd., whose work for the benefit of others is expressed medicinally and pharmaceutically in the manufacture of very high grade products.

ARTHUR H. COX & CO. LTD BRIGHTON **ENGLAND**

One of the world's foremost tablet makers.



SMILER introduces a new friend

... and to make sure that all your customers know about this new product—Cow & Gate CEREAL FOOD—large spaces have been booked in the magazine press with national coverage, including Woman, Woman's Own, Radio Times, Mother, Woman's Weekly, Nursery World, etc., beginning November, 1956.

During the initial launching of this campaign a bonus of 1/2d. for every dozen cartons ordered during October and November is offered, so place your orders now and be prepared for the rush!

Cow & Gate CEREAL FOOD is packed in full colour 8-oz. cartons, I dozen to the outer, trade price 14/5d. per dozen (or 13/3d. per dozen during above bonus period), and will retail at 1/6d.

Carriage Paid on 2-dozen and over.

Please address your enquiries and requests for promotion matter to:—



COW & GATE LTD., Guildford, Surrey.

For purity-Key Glass



Glass containers, clear, strong and attractive to the buyer's eye, also excel in preserving the essential goodness of products. By their "seeability" they declare the quality of the contents, creating strong sales appeal. And the glass which excels on all counts is Key Glass. Closures of all kinds are also supplied—printed, embossed or plain.

KEY GLASSWORKS LTD

Factories at New Cross, Alperton, Harlow Sole Selling Agents: - Ronald Gale & Co. Ltd



First Class in GLASS



Richard Daniel & Son LTD

PACKED GOODS

Attractively labelled and presented

PRICE LIST ON APPLICATION

Mansfield Road Derby Tel.: 48266 (4 lines)

Also at Ashton-u-Lyne Tel.: 2816 (3 lines)



Bislumina is a Registered Trade Mark

obtainable from the Manufacturers and Distributors

M.C.P. PURE DRUGS LTD.

or through your usual wholesaler

Bismuth Aluminate Bi₂ (Al₂O₄)₃. 10H₂O, a patented compound, is manufactured

under licence in the United Kingdom by

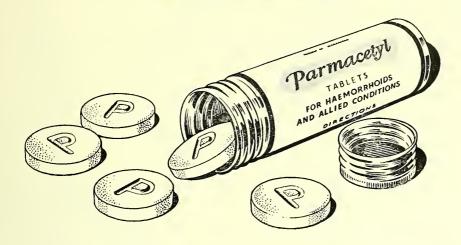
M.C.P. PURE DRUGS LTD · 86 STRAND · LONDON · W.C.2



When you receive prescriptions for

PARMACETYL

-the new Oral treatment for Hæmorrhoids-



YOU WILL NEED THIS PACK

A RECENT series of clinical trials has proved this new oral treatment to be efficacious in cases of 1st, 2nd and 3rd degree piles. Literature on Parmacetyl, and samples of the product, have been supplied to medical men.

Parmacetyl is not advertised to the lay public, and may be prescribed on Form E.C.10. The basic N.H.S. price is 2s. 1d. per tube of 12 tablets.

FORMULA:

Each tablet contains
Ethyl Hydroxy-ethyl Cellulose
0·162 gramme,

Mag. Hydrox. B.P.C. 0·130 gramme,

Cetaceum B.P.C. 0·324 gramme, excipient q.s.

PARMACETYL

MANUFACTURERS: E.G.H. LABS. (E.G.H. LABORATORIES LTD) PERU ST, SALFORD 3, LANCS

Your Wholesaler has supplies

Facks a Sales Punch for SevenSeaS Pure Cod Liver Oil

Catch up on seasonal sales by displaying the new SevenSeaS handy pack on your counter now. It's the ideal pack to catch your customers' eye and build your sales fast. Neat and small, easy to slip into the pocket or handbag it holds 25 SevenSeaS Pure Cod Liver Oil capsules—enough for several days' supply.





POWERFUL

ADVERTISING

IN NATIONAL

PRESS

SevenSeaS Pure Cod Liver Oil is backed by powerful advertising in the national press. Advertising that highlights its natural food value and the protection it gives from winter ills and chills. SevenSeaS Advertising is selling advertising. Make sure that you take advantage of it. Order through your wholesaler—now.

SevenSeaS

PURE COD LIVER OIL

builds health—and sales—naturally



BRITISH COD LIVER OILS (HULL & GRIMSBY) LTD., ST. ANDREW'S DOCK, HULL



You wouldn't

-BUT YOU COULD IF YOU WISHED!



WORLD-FAMOUS ANTISEPTIC THROAT LOZENGES

keep factory-fresh in the new vacuum tin

A STANDARDISED ANTISEPTIC

The germicidal potency of 'Sucrets' Lozenges has been subjected to a standardised bacteriological test. 5 cc. of a saturated aqueous solution of 'Sucrets' Lozenges destroy 0.5 cc. of a 24-hour broth culture of *Staphylococcus aureus* on less than 60 seconds contact at 37°C, under standard conditions.

BONUS OFFER

for a limited period

Parcels of 72 tins 'Sucrets' Lozenges invoiced as 66 (£4.2.6 net plus P.T.)—i.e., 6 TINS FREE.

Any number of Bonus Parcels may be ordered.

STOCK AND SELL 'SUCRETS' LOZENGES WITH CONFIDENCE

Selling price 2/3 per tin of 24 lozenges (inc. P.T.)

Merck Sharp & Dohme Limited Hoddesdon, Herts.



'SUCRETS' KEEP FACTORY-FRESH IN THE NEW VACUUM TIN

October 27, 1956



By Appointment to H.M. The Queen, Chemists

Davory & Moore



VERTEBRÆ!

.. the facility of buying Savory & Moore high quality Pharmaceutical Products locally is not without its attractions to "more discerning" customers who form the backbone of your goodwill.

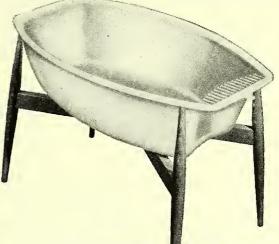
Bonus of one to the dozen on the following specialities: Dr. Jenner's Medilax, Dentural and Quinasp. Free Van Delivery in Home Counties.



Savory & Moore

60 WELBECK STREET . LONDON . W.I

a BIGGER baby-bath



for **BIGGER** SAL

Here is a wonderful new and extra large polythene nursery bath to recommend to your customers-strong, safe, warm to the touch, hygienic and convenient. Look at the selling features of the new Ekco 'Super Bath'.

LIGHT Easy to move, yet completely steady and safe.

ROOMY Baby has freedom of movement and mother has room in which to bath the child in comfort. An added convenience is the built-in tray which keeps soap and sponge handy.

SELF-DRAINING A firmly fitted captive plug-which baby cannot undo-allows mother to drain off the water into a bucket without moving the bath.

DUAL-PURPOSE STAND The firm, water resistant folding stand of polished beechwood can also be used with a carry-cot.

The Super Bath is moulded in Blue, Pink or Natural polythene Size 281" x 18" x 8".

The new EKCO 'SUPER BATH' 59/9

folding dual-purpose stand 35/-

Also available

PLASTAPOT Firm, comfortable and warm to the touch. Indispensable in the nursery. Price 7/6



PLASTABATH A popular favouritesafe, convenient, lightweight. Price 47/3 (with metal stand 71/2)



NURSERY WARE

E. K. COLE LTD • (Plastics Division) SOUTHEND-ON-SEA • ESSEX





TABASAN advertisements in The Daily Express, Daily Mirror, Daily Mail and other National and provincial newspapers are telling asthma sufferers to come to you.

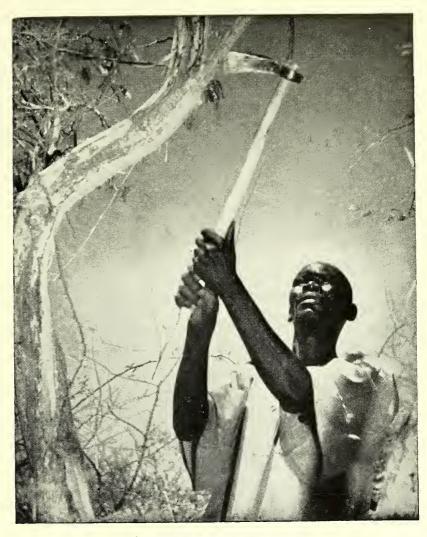
Don't miss any of this extra business — keep TABASAN ON DISPLAY.

AYRTON SAUNDERS

HANOVER STREET · LIVERPOOL

Telephone Royal 8282 -

There's for more to it than this!



GROUND GUMS

TRAGACANTH ACACIA KARAYA

The tapping and splitting operation.

(Photograph by courtesy of Sudan Government Agency)

There are many steps between the collection of gums under necessarily rather crude native conditions, and the final Stafford-AllenS product, standardised under strict laboratory control.

Whatever your requirements in Tragacanth, Acacia, Karaya, ask our Gums Dept. to quote you for a uniform product carefully selected to meet your individual requirements.



ORDER FROM



STAFFORD ALLEN & SONS LIMITED

WHARF ROAD, LONDON, N.I. Telephone: CLErkenwell 1000 (7 lines)

TASEAL.486

These famous products are being advertised in the DAILY MIRROR week beginning Oct. 29th

* 12,789,000 readers of the Daily Mirror will see these advertisements. That's one in three of all shoppers in your area.

* I.P.A. Readership Survey.

Tell your other suppliers, the support you want is brand advertising in the Daily Mirror.

biggest daily sale on earth DAILY MIRI





or <u>extra</u> business xtra profits . . .

splay these brands on your unters, in your windows. sure customers see that u are their nearest stockist.





es goods nationally, regionally, LOCALLY

The SMALL vitamin capsule

With the BIG

TAKE ONE REMEMBERS FROM BACK PROFIT

TAKE CAPSULES

SELLS AT 5/- PER TIN OF 100 CAPSULES, SHOWING YOU 33½% PROFIT (or 50% on cost). Here is the concentrated vitamin content of each SEA-PEARL CAPSULE—

VITAMIN A 4500 I.U. VITAMIN D 450 I.U.

You can sell it easily because children particularly can take it easily. It's the new Norwegian fish liver oil capsule—SEA PEARLS—in the metal dispenser pack that releases one tiny capsule at a time—and only one daily is needed!

This is the best proposition in high quality fish liver oil capsules you can handle. 24 tins are packed in a counter display box with 50 individual sample capsules in separate compartment.

SEA PEARLS

The mighty mite in @ balanced fish oil capsules

Enquiries to sole distributors for United Kingdom: Mayborn Products Limited Pharmaceutical Division Dylon Works, Sydenham, London, S.E.26

Confidence can easily
be established, and assurance
made doubly sure for every
purchaser by installing
a Rendell display.

Rendells

Here's a profitable double

PADDI and PADDI pads. A wonderful improvement on the conventional 'nappy' that solves a big problem for the busy mother. Sell her PADDI and ensure repeat sales of PADDIpads. They're better for babies, less trouble and laboursaving for mother. Supported by attractive advertising in women's journals, these profit-making lines can mean big business for YOU! Paddi retails at 6/6d. Paddi-pads in packets of ten 1/8d. Please write for details.

PADDI

PADDI pads

ANOTHER HERE PRODUCT

ROBINSON & SONS LTD CHESTERFIELD & LONDON

With numerous others we stock the following New Crop goods

> CAPE ALOES BELLADONNA HERB & ROOT **CARDAMOMS** GALL NUTS HYDRASTIS RHUBARB SENEGA ROOT WILD CHERRY BARK

& SCHIMMER BROME 7 Leather Market, London, S.E.1

Reduced Prices

Increased demand

50/50 ADVERTISING SCHEME

Tell us the paper(s) of your choice and the dates you propose, and our Advertising Agents will book the space (all 6" double column) supply all blocks and "copy" (free to you). and we charge you only HALF THE COST OF THE ADVERTISING



PERIHEL LIMITED

Works, 27/29 Rabbit Row, London, W.8 Phone: PARK 6886/7870/4296



only 12 gns

RETAIL. ON PRESCRIPTION ONLY Easy terms available



and you've gained another customer

15 lbs—or thereabouts, and he 'graduates' to Farex—the food that introduces him to solids: Farex—his basic food for months to come: Farex—part of his daily fare throughout his formative years.

FAREX 3-cereal food

TRADE MARK

in 10 oz. cartons

GLAXO LABORATORIES LTD., GREENFORD, MIDDLESEX. BYRon 3434



by Ingrams

The RESTWELL Junior

Hot Water Bottle

Because of their superior quality, finish and value, Ingram's Hot Water Bottles offer unrivalled value. This latest addition to the Ingram's range — the RESTWELL JUNIOR is standard size — Junior in description only. A companion bottle to the popular RESTWELL it embodies the special finned design a safety-first feature that helps to spread the heat quicker and retain it longer. Available in green, blue, pink or orange, and retailing at the modest price of 7/6. Definitely another Ingram's winner! Order your stocks now.

J. G. INGRAM & SON LTD., Hackney Wick, London, E.9

Teach Baby to drink Correctly ...

-head back without risk of choking, spluttering or mess with the

NEW

translucent, unbreakable





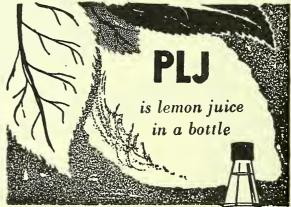
This new flexible and hygienic Beaker This new flexible and hygienic Beaker is specially designed to pour at just the right speed and correct angle for drinking. The covered-over top retains heat and keeps out dirt, and the special protective ring makes it easy to hold and practically spill-proof. It is designed with a push-on top, which makes the Beaker easy to fill and clean. Made in blue, pink and natural and Made in blue, pink and natural and sold in attractive gift boxes.

Wholesale 36/- per doz. Retail Price 4/6d. each (plus Tax).

The original opaque Teacher Beaker still available. Wholesale 31/4d. per doz. Retail Price 3/11d. each (plus Tax).

Advertised in National Publications

Manufactured by: J. L. CAPLIN, LTD., 178-180, Homerton High St., London, E.9. Telephone: AMHerst 1396



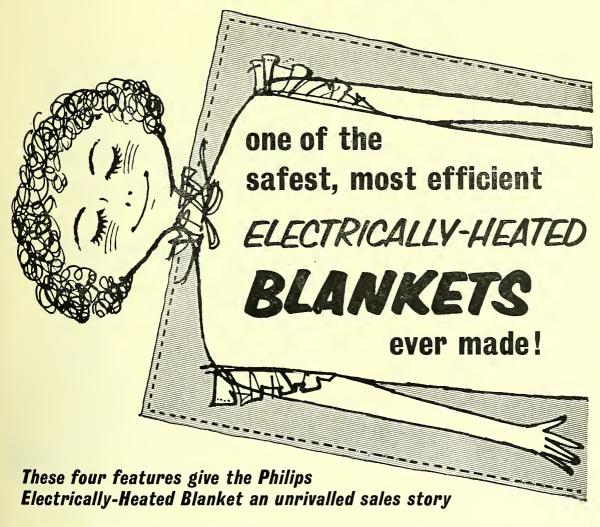
The natural, undiluted, very pleasant juice of fullripened Sicilian lemons. Many thousands of women are now drinking PLJ regularly for the sake of their health and figure. Once in the home, they use it for many other purposes. To make real lemonade. To dress salads. To rinse hair. And so on. The lemon is a versatile fruit — and anything a lemon can do PLJ can do better !

At 2/6 a bottle (4/- for the economy size) PLJ is a good purchase. That's why sales are sparing.



PLI CROYDON





* NO OVERHEATING

The 'grid' wire circuit is so designed that no two parts of the wire can come together and cause overheating. This design allows only a very low current to pass through the circuit generating a gentle heat to all parts of the blanket.

* THE INSIDE STORY

The lining consists of a double layer of strong cotton material woven into pockets to carry the specially designed 'grid' circuit. This lining has been treated with 'Proban' which ensures a completely self-contained, flexible and fire-proof heat source inside the blanket.

* THE COVER STORY

The thick, fleecy material used for the outer covering is also fire-resistant—and delightfully comforting and luxurious.

SAFETY LIGHT

Another safety factor incorporated in this blanket is a special on/off switch in the mains lead, with a built-in neon indicator lamp that glows all the time the blanket is switched on. So in every way the Philips Electrically-Heated Blanket is one of the safest and most efficiently designed blankets you could wish to sell!

PHILIPS ELECTRICALLY-HEATED BLANKET

Single Bed Size (PEACH COLOUR): 25" x 53" - 56 watts - AC/DC - 230-240 volts £8.12.6 (tax paid)

PHILIPS ELECTRICAL LIMITED · CENTURY HOUSE · SHAFTESBURY AVENUE · LONDON · WC2
(EL464A)

IMMEDIATE DELIVERY FROM STOCK

A COMPREHENSIVE RANGE OF STANDARD ROUND BOXES

or the CHEMIST MADE BY

ROBINSONS

OF CHESTERFIELD



SCARLET (G.P.O.) PURPLE PILL BOXES FLANGED

specialized boxes have been made to specifications and standards to comply with N.H.S. and B.S.I. specifications.



ROBINSON & WHEAT BRIDGE MILLS. CHESTERFIELD

Telephone: 'BOXES' CHESTERFIELD

Telephone: 2105 (6 lines)

LONDON OFFICE

KING'S BOURNE HOUSE, 229-231 HIGH HOLBORN, W.C.I.

Telegrams: STAGLINT LONDON

Telephone: HOLborn 6383

Introducing 'migril' for



- Dispels headache
 Disperses visual disturbances
- Defeats nausea and vomiting

A new product—'Migril'—provides, for the first time, a successful 3-way attack on migraine.

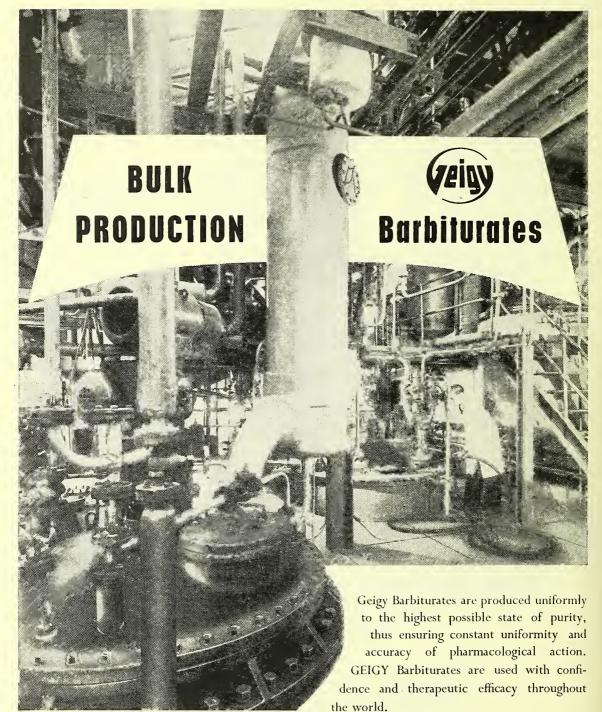
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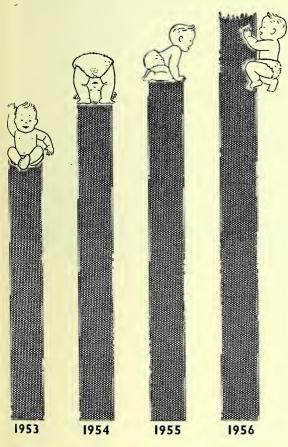
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THE CHEMIST AND DRUGGIST

The weekly newspaper for pharmacy and all sections of the drug, pharmaceutical and fine chemical, cosmetic, and allied industries

Official organ of the Pharmaceutical Society of Ireland and the Pharmaceutical Society of Northern Ireland

Volume 166

October 27, 1956

No. 4001

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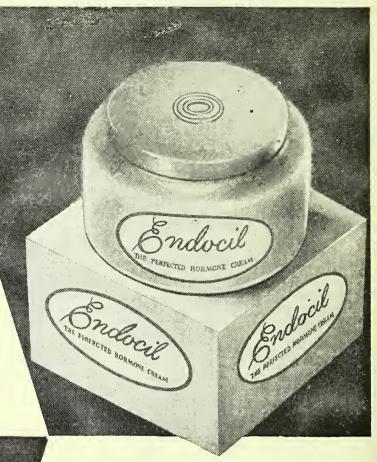
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Volume 166

OCTOBER 27, 1956

No. 4001

Increase in Drug Costs

HEALTH MINISTER'S "SERIOUS ALARM"

MR. R. H. Turton (Minister of Health) has expressed "serious alarm" at the considerable increase in the cost of drugs in the first four months

He was addressing the annual meeting of the Executive Councils Association (England) in London on October 18. He said that an examination of pre-scriptions for those months showed in every case an increase in cost compared with 1955. In April 1955 the average cost was 4s. $3\frac{1}{2}$ d.; in April this year over 4s. $7\frac{1}{2}$ d. Mr. Turton asked whether the instruction and training of the medical student and young doctor sufficiently armed him to face the difficulties of present-day prescribing? What was the influence exerted by the hospitals, both on young doctors and doctors established in practice whose patients were referred to hospital? Should more be done about pressure from patients? What about the pressure on the doctor of the modern methods of salesmanship which the drug houses brought to bear on him? The Minister sought the co-operation of chemists in answering a questionnaire which some of them would receive relating to drug

A " Preliminary " Inquiry

It had been suggested that in some cases drugs were bought by chemists at prices lower than they were paid under the Drug Tariff. It was hoped, with the agreement of the chemists' representatives, to make a preliminary inquiry into that subject. Earlier in his address the Minister had said that de-preciation in the value of money hit the Health Service harder than any other and therefore it had a special stake in the battle that was being waged against inflation.

Monopolies Commission

RECONSTITUTION AND NEW CHAIRMAN

THE Board of Trade is reconstituting the Monopolies and Restrictive Practices Commission on October 31 in accordance with the Restrictive Trade Practices Act, 1956. The Commission will then be known as the Monopolies Commission. Commission. At his own request Sir David Cairns, Q.C., is giving up his appointment as chairman at the end of October and is returning to the Bar. Mr. Richard Francis Levy, Q.C., is being appointed chairman of the reconstituted Commission on November 1. The names of the other members of the Commission are being announced shortly.

Retail Sales

BOARD OF TRADE STATISTICS

RECENTLY issued Board of Trade figures show that sales of chemists' goods by independent retailers were 12.4 per cent. higher in July than in June, and 2.7 per cent, lower than in July 1955. Large retailers' sales were 15.2 per cent, higher in July than in June and the same as in July 1955. Sales by Co-operative societies were 7.1 per cent. higher in July than in June and 9 per cent, higher than in July 1955. No allowance is made in the figures for chemists' receipts under the National Health Service.

Laboratory Glass

CONVENTIONS FOR DRAWINGS

A NEW British Standard (B.S. 2774, 1956), "Drawing Conventions for Laboratory Glass Apparatus," recommends drawing conventions, for representations of the convention of the c senting laboratory apparatus made principally from glass, in text-books and technical journals and reports. The conventions are intended for use both with full-size drawings and with reduced-scale drawings down to about

one-tenth full size; the standard is illustrated by ten pages of examples. The aim throughout has been to combine clarity and unambiguity for the reader with convenience for the draughtsman. Because of the many different purposes for which drawings of laboratory apparatus may be required, comments on the Standard and suggestions for improvement are invited by the British Standards Institution. Copies of the Standard are obtainable from the British Standards Institution, Sales Branch, 2 Park Street, London, W.1, price 3s. 6d.

Leeds University DONATIONS FROM INDUSTRY

AMONG recent grants and donations received by Leeds University are the following:—Department of Inorganic and Structural Chemistry, £2,600 over two years from Imperial Chemical Industries, Ltd.; Department of Physical Chemistry, £500 a year for three years from the Distillers Co., Ltd., to support research; Department of Textile Industries, £1,350 from Courtaulds, Ltd.; £275 from Whiffen & Sons, Ltd., for a maintenance grant; Department of Colour Chemistry and Dyeing, £250 from Courtaulds, Ltd.; Department of Pharmacology, £750 for 1956–57 from the Wellcome Foundation, Ltd., for research: Department of Rectariology. search; Department of Bacteriology, £240 a year for three years from Pfizer, Ltd., to support research student working on the therapy of chronic infective respiratory diseases; Dental School,



INDIAN DOCTORS VISIT PHARMACEUTICAL WORKS: Six Indian doctors and the wives of two, all members of a party organised by the Indian Medical Association to tour Europe, shown on a visit to May & Baker, Ltd., Dagenham, Essex. The visitors spent most of their time in the new pharmaceutical processing and packaging building which is now nearing completion and full operation. They watched ampoule-filling, tableting, and several other processes involving the latest automatic equipment and methods, in all of which they showed a keen interest.

£1,000 from Thomas Hedley & Co., Ltd., for research into the dental health of school children.

Sydney Body Award

CEREMONY AND LECTURE AT SOUTHEND

THE third award of the Sydney Body gold medal and citation was made at Southend-on-Sea General Hospital on October 19 to Mr. Aleck W. Bourne, M.A., M.B., F.R.C.S., F.R.C.O.G., formerly obstetric surgeon to the hospital, to St. Mary's Hospital, Paddington, and Queen Charlotte's Hospital, London, for services in the field of obstetrics and gynæcology.



Mr. Bourne receives the award from Mr. Body.

The award, which was donated by Mr. Sydney F. Body, M.P.S., is made from time to time to past or present members of the hospital staff for distinguished services to medicine. Dr. L. Gordon Hopkins, J.P., M.D. (chairman of the staff committee of the Hospital Group), introduced the recipient as "a man of great possibilities and great power." After having received the medal at the hands of the donor, Mr. Bourne gave an address on "Women as Patients." He said that one thing which had always struck him about women was their gratitude. Whereas the ordinary man was apt to be impatient, restless, peevish, and troublesome to keep in bed, woman was courageous and uncomplaining. From the doctor's point of view any difficulty in dealing with women patients arose from the extent to which their emotions were in control. Fear and anxiety reacted on their functions, giving rise to disturbances which, though real, were not always traceable to physical symptoms.

French Fortnight

1957 PLANS FOR FOURTEEN CENTRES

A FRENCH fortnight is being held in London and twelve other cities and towns in the United Kingdom, April 1-14, 1957. The object is the promotion of Anglo-French economic relations and interest in French consumer goods in leading stores and shops. The promotion, primarily by window displays, etc., is taking place in Belfast, Birmingham, Bradford, Cardiff, Chester, Edinburgh, Glasgow, Leeds, Liverpool, London, Manchester, Newcastle-on-Tyne, and Sheffield. A number of stores and shops outside those towns are also

expected to organise special displays of French merchandise independently. The classes of merchandise to be promoted include perfumery. Point - of - sale material is being offered by the organisers. A display competition open to all participants is being held. The representatives of French fortnight in the United Kingdom are: Robert Brandon & Partners, Ltd., 47 Albemarle Street, London, W.1.

N.H.S. Remuneration

A FIGURE CORRECTED

THE offer by the Ministry of Health in respect of 1955 prescriptions (C. & D., October 20, p. 425) was for an increase of 1¹/₄d. per prescription and not as previously stated.

IRISH NEWS Wexford Chemists

SOLUTION TO PROBLEM OF ASSISTANTS

A MEETING of Wexford Federation of Pharmaceutical Chemists held recently at Enniscorthy, presided over by Mr. D. Roice, Gorey, discussed the difficulty in obtaining qualified assistants. An examination scheme for prospective assistants was submitted by the chairman, and the meeting agreed that if the scheme was accepted by the Council of the Pharmaceutical Society of Ireland, it would do much to solve the problem. The secretary (Mr. S. V. Byrne) was asked to send copies of the proposed examination and syllabus to all local pharmaceutical associations for their consideration and approval before submitting it to the Society's Council. A dinner and social is planned for December 26.

Post-graduate Lectures

COURSES AT DUBLIN COLLEGE

A COURSE of post-graduate lectures is being held at the College of Pharmacy, Dublin, starting early in November. There will be two sets of lectures, the first a scries of twelve for those who did not attend the 1955 course and the second of twenty-five advanced lectures. The advanced course deals mainly with pharmacology, with anatomy and physiology also included. The advanced lectures are being given at 8.30 p.m. on Friday evenings.

Students' Conference

DANCE TO AID FUNDS

A DANCE organised by the Irish Pharmaceutical Students' Association in aid of funds for next year's Dublin conference of the International Pharmaceutical Students' Federation, is being held in Dublin on November 8. Prepaid concession tickets to students, price 3s. 6d. each, are available from Mr. T. Cashman, 161 St. Mobhi Road, Glasnevin, or from 18 Shrewsbury Road, Dublin.

Young Priests

ANNUAL MEETING AND RETREAT

THE annual meeting of the pharmacy branch of St. Joseph's Young Priest's Society is being held at 23 Merrion Square, Dublin, at 8.30 p.m., on November 20, when talks are being given by priests recently returned from missionary work. The members' annual retreat is being held at the Jesuit Retreat House, Milltown Park, Dublin, November 24–26. Those wishing to take part should make early application to Mr. Francis P. MacDonnell, 12 Somerville Park, Rathmines, Dublin.

Examination Results

EIGHTEEN NEW LICENTIATES

OF fifty-five candidates who sat for Part II of the October Licence examination of the Pharmaceutical Society of Ireland, the following passed:—M. J. Treanor, Josephine Dunworth, Mary T. Ahern, B. Raftery, O. Flannery, Angela Higgins, T. J. O'Connor, Ita T. M. Murphy, T. Fahey, Mary T. Bohane, Mary C. Teahan, M. B. O'Flaherty, Maire T. Baxter, Philomena M. T. Martin, T. Herlihy, J. Sharkey, Josephine P. Hickey, P. C. Garvey.

Flash Photography

PHOTOGRAPHIC DEALERS' EXHIBITION

AN exhibition of flash and night photography is being staged by the Irish branch of the Photographic Dealers' Association at O'Connell Hall, Dublin, November 13-16 inclusive.

SCOTTISH NEWS Students' Awards

CEREMONY AT GLASGOW MEETING

PRIZES were presented to successful students of the pharmacy department, Royal Technical College, Glasgow, at a meeting of Glasgow and Southwestern Scottish Branch of the Pharmaceutical Society on October 10. Mr. W. J. Tristram (a former president of the Pharmaceutical Society) presented the awards as follows: Kinninmont testimonial prize, Miss Moira E. Jones; James Taylor prizes—degree 11, Miss Margaret M. Richardson; degree 111, Miss Jessie G. C. Duncan; Ph.C. 1 (equal), Mr. William G. McLellan and Miss Doreen R. Smith; Evans' prize, Miss Jessie G. C. Duncan; Boots' prize—degree 111, Miss Helen S. Cranston; Ph.C. 1, Mr. William G. McLellan; Anthony McMillan memorial medal and Branch prize, Mr. John Caldwell. Mr. Tristram later addressed the meeting on "A Pharmacist in the Lord Mayor's Chair."

Consulting Rooms

ORDER TO IMPROVE ACCOMMODATION

EDINBURGH Executive Council has instructed a local doctor to provide satisfactory consulting accommodation within six months otherwise his case will be brought before the medical service committee for further action. The Council was informed at its meeting or September 27 that a doctor who had prescribed gin for a patient had appealed to the Local Medical Committee agains a decision of the Council that he should be charged 25s. 3d, for the gin The Committee maintained that the gil was a prescribable drug in that case and the Council accepted the Committee's decision.

NEWS IN BRIEF

Among exhibitors at Orpington trade fair, October 6-13, were Borite, Ltd., who displayed a number of defurring compounds and fluids.

More than 100 members and friends of Finchley Branch of the Pharmaceutical Society toured Barnet general hospital on September 25.

ABOUT 8 lb. of Indian hemp was seized by Customs officers in the steamer Derbyshire at Tilbury on September 21, and a foreign seaman was arrested.

LANARKSHIRE Executive Council has authorised recovery of 3s. 7d. from a local doctor for gin prescribed for a patient. In the circumstances of the patient. case it was not accepted as a drug.

DONCASTER Executive Council has re-fused to pay to a local chemist a sum of 14s. 7d. for telephone calls and postage to his head branch to secure drugs for prescriptions.

STAFFORDSHIRE Executive Council has recommended that £20 should be withheld from the remuneration of a chemist contractor who mistakenly gave sleeping tablets to a woman.

STRACATHRO and Brechin, Angus, hospital board has asked the medical superintendent to advise the medical staff to use less expensive drugs whenever possible to minimise overspending.

A RECOMMENDATION has been made by Liverpool Executive Council that £50 should be withheld from the remuneration of a chemist contractor who supplied short quantities of tablets on five prescriptions without endorsing the prescriptions.

MEMBERS of the London Irish medical Golfing Association were enter-tained by Paines & Byrne, Ltd., at Prince's golf course, Sandwich, on October 5, at a competition for the Paines & Byrne challenge salver. Prizes were later presented by Mr. J. F. Byrne at a dinner the company provided.

Professor George Payling Wright, (Sir William Dunn professor of pathology, Guy's Hospital Medical School) and Mr. Denis Hill (senior lecturer in and Mr. Denis Hill (senior lecturer in clinical neurophysiology, Maudsley Hospital, London, and physician and lecturer in psychological medicine at King's College Hospital) have been appointed members of the Medical Research Council.

SPORT

Golf.-IRISH CHEMISTS' GOLFING SOCIETY final Golf.—IRISH CHEMISTS' GOLFING SOCIETY final outing and dinner, at Hermitage golf club, co. Dublin, recently. Prizes presented by G. Baynes & Co., and Goya, Ltd. Results: Eighteen holes strokes, I, D. Murphy (15), 73; 2, P. McAuliffe (14), 75. Best first nine, I, P. G. Garahy (12), 33; 2, S. J. Savage (7), 37. Eighteen holes bogey, I, A. Walsh (8), 2 down; 2, J. Mason (9), 2 down, Mr. L. Mason (9), 2 down, Mr. J. A. Hurson (captain) presided at the dinner at the close of the competitions and the dinner at the close of the competitions and thanked the members for the excellent support given to him during his year of office. The Ulster Chemists' Golfing Association was represented at the dinner by Messrs, A. Shaw (captain), J. Kennedy (captain-elect), C. Hall (treasurer) and W. H. Boyd (secretary). Top-table guests also included Messrs, P. F. McGrath (president of the Pharmaceutical Society of Ireland), James G. Coleman, B.L. (registrar of the Society), H. P. Corrigan (treasurer), John Gleeson (vice-president of the Irish Drug Association), Messrs, M. Baynes and N. Lytton (Goya, Ltd.). Messrs. M. Baynes and N. Lytton (Goya, Ltd.).

TOPICAL REFLECTIONS

By Xrayser

Progress in History

The report to the Council of the recent activities of the History of Pharmacy Committee is one of heartening progress (p. 409). One of the most encouraging features is the interest shown in the work by pharmacists in all parts of the country, as exemplified by the quantity of material being made available for examination and record. Every effort should be made to publicise the type of material coming forward so as to stimulate any who may be in possession of old documents and prescription books to regard them with the reverence they deserve. So often have we heard of the throwing out of what may be thought to be "junk" that it cannot be too strongly stressed that anything at all should be subjected to examination by someone interested or knowledgeable before putting out to salvage. I was informed by the librarian of one of our most famous collections that one of the chief results of our patriotic war-time salvage campaign was to deprive us of many irreplaceable historical documents. His principal lament was that the destruction had taken place without the advice of the expert.

Future Conferences

Your editorial article entitled "Pharmaceutical Tourists" (p. 439) raises matters of vital importance in regard to future meetings of the British Pharmaceutical Conference. It looks as though there is to be more emphasis laid on the size of future meetings, and the reasons put forward in your leader seem to confirm your diagnosis. Further point was given to this view by the vice-president of the Pharmaceutical Society (Mr. D. W. Hudson) in his expression of appreciation of the Dublin Conference (p. 408), when he said that the time seemed to have come when it would have to be considered whether so large a gathering as a thousand visitors could be handled anywhere but in a big city. Even with the encouragement given by the Pharmaceutical Society, it is extremely doubtful if such large numbers would necessarily come forward annually. It is surely reasonable to assume that London, Edinburgh and Dublin-the capital cities—would be popular, both for their own sakes and for the prospect of an extended stay. It would seem that a limitation of the number of centres would result in that lack of stimulation you rightly fear, and might even eventually lead to an annual meeting in London. Few cities are able to cope with a thousand visitors, and indeed the smaller gathering, where all can assemble under one roof, has much to commend it.

Town and Country

Britain is not a large country, but every now and again we are reminded that it is large enough to show vivid contrast in the conditions of living. Those of us who live in the large cities are, paradoxically, inclined to be parochial in our outlook. Indeed, it may be that the larger the city, the more parochial the outlook of its citizens tends to be. Such thoughts arise from the reading of evidence published by the British Medical Association dealing with hardships in the more remote areas of the Highlands and Islands. It is disclosed that the heavy expense to which patients are put in travelling to out-patient departments and clinics is preventing some from undertaking the journey and undergoing the required treatment. Evidence by general practitioners in the remote areas shows that expenses varying from £2 10s. to £8, plus the cost of a night's lodging, are not uncommon. Since 1950, the B.M.A. states, the Department of Health has laid it down that payment of travelling expenses may be made only in cases of financial hardship. Patients must undertake the journey at their own expense and claim afterwards from the National Assistance Board. The B.M.A. is making representations to bring the benefits of N.H.S. to the more remote areas. We cannot boast of our National Health Service if persons remote from the cities are to be deprived of the full scope of the service. An extension of the ambulance service is recommended, plus substantial help from N.H.S. funds.

BRUNSWICK SQUARE COMPLETION IN 1957?

University grant announced at School of Pharmacy's sessional opening

THE important announcement was made at the sessional opening of the School of Pharmacy, University of London, on October 10, that full financial provision had been voted by the University outlooding for the completion versity authorities for the completion "in one fell swoop" of the departments of the School not yet housed in the Brunswick Square building.

SIR HARRY JEPHCOTT (chairman of the School Council) who presided at the meeting at Senate House, made the announcement. It was later referred to by the Dean (Professor W. H. Linnell) who said that funds were also being provided for converting Myddleton House, Enfield (whose grounds are shared as sports field by the School and the Royal Free Hospital medical school) into a clubhouse.

Responsibilities in Technical Education

The inaugural sessional address was given by Mr. PERCY DUNSHEATH, C.B.E., M.A., D.Sc. (Eng.), D.Eng. (chairman of Convocation), who discussed "Educational Responsibilities in a Technological Age." The following is a summary of Dr. Dunsheath's address:

Pharmacy, born out of antiquity and nurtured through centuries of empiricism, has, during the past thirty years, laid the scientific foundations of a real precise knowledge of the subject. Today it stands in the front rank as a worthy representative of the applied sciences. As such, it shares the numerous educational problems of "this technological age."

In selecting recruits to its courses the School naturally insists, quite apart from minimum university entrance requirements, on other mental and moral standards so as to send out ultimately to hospitals and industry men and women who will be worthy representatives of the best in the country's educational system.

I ask you to think about some of the educational problems which have become so pertinent during the past few decades through the rapidity with which scientific knowledge is being applied technological processes through scientific industry. Before we can discuss educational aspects, however, it is necessary to review in some detail the position of technology.

Radioisotopes have, through the dramatic results obtained by their usc, received much publicity. Their possible applications in biological fields are already widely appreciated. Thus a sheet of steel cmerging continuously at high speed from a rolling mill receives the emission from a radioactive source such as strontium 90, and produces by means of electronic instruments a continuous record of the thickness of the shect. By an extension of the device the rolls are controlled automatically so as to maintain hour by hour the correct thickness in the emerging sheet. An example of very different sort is the use of radio-active phosphorus in a sewage effluent discharging into the sea: by immersing bcta counters at different points in the area the dispersion of the sewage is

traced and a powerful aid in the prevention of beach pollution is provided. Perhaps the most promising field for nuclear radiation at present is in connection with the extensively used process of vulcanising rubber. Radiation produces a rubber which is more resistant to heat, as the bonds between sulphur atoms in the present process are replaced by carbon bonds. Apart from the numbers of technologists who will be required immediately to carry out the preliminary investigation and early development stages, the equipment will demand large numbers of high-grade technologists for its design, manufacture, installation and operation.

The production of radioisotopes and modification of substances by radiation may even be exceeded by the replacement of coal and oil as fuels for the generation of power. At Calder Hall is a power station turning out 80,000 kilowatts without the consumption of a single ounce of conventional fuel. Within ten years, by the building of further stations at a total cost of about £300 millions, about 2 million kilowatts of power are being made available. Beyond that period nuclear power is being increased at the rate of 2 million kilowatts per annum.

Lagging Behind

Today we depend on the work of the technologist, and in his education there lies a great national responsibility. Early this year the Ministry of Education published a White Paper which included startling comparisons between the numbers of technologists being trained in this country with the numbers in the United States and the U.S.S.R. In 1938-39 full-time university students of science and technology in this country numbered, in round figures, 13,000 and in 1950–51, 28,000. In the current session there are 29,000, 34½ per cent. of the university student population.
The number obtaining first degrees in pure science is 4,200, and in technology 1,850. To that university output must be added scientists and technologists trained in the technical colleges (in England and Wales about 9,500, half of added whom attain a standard equivalent to that of the university output). As already about 1,500 of the technical college men take degrees and are included in the figure already quoted, it would seem that we may add 4,000. At the present time the United States has 100,000 engineers and technicians engaged on computor work alone. In this country in 1954 we produced 2,800 graduate technologists and, say, 4,000 of equivalent standard from the Higher National certificate: a total of 6,800. Against that the United States produced 22,000 and the U.S.S.R. 60,000. Russia is not only producing over eight professional grade men to Britain's one, but is maintaining a high standard and a greater measure of specialisation than we are accustomed to. The best that can be said for our own position is that, at the present time, there is a widespread recognition of the need to extend facili-

ties at both universities and technical colleges. A £6½ million scheme is in progress for buildings and equipment for technology in a dozen universities outside London, and London's own Imperial College scheme has already raised the numbers in that institution to over 2,000 towards an anticipated maximum of 3,000.

No Cultural Inferiority

We have heard a great deal during the past ten years on the uneducated incoherent scientist, but the battle to improve that situation is already won. For cultural interests and ability to mix with and influence his fellows the modern university scientist (including the applied scientist) need have no inferiority com-His capacity for dealing with abstract ideas compares favourably with other varieties of educated men, and he has added those qualifications to his own specialist knowledge, whereas his opposite number has not on the whole stepped outside his own arts subjects to broaden himself. The man with no more education than rests on the knowledge available fifty years ago preens himself much too often on his ignorance of science and technology. Fortunately he does not carry conviction today quite as easily as he did only a few years ago.

It is nowadays accepted fairly generally that true education of the technologist covers much more than training ir technology. Perhaps the issue is no being fairly faced by the educationalis because of its complexity. What could be more difficult to analyse, for in stance, than the relation between the modern trade union attitude on redun dancy and the education of the tech nologist? Automation is, of course, no a sudden phenomenon; it is the natura development of technological educatio over the past century. To some peopl disaster seems to have resulted from the legitimate activities of highly edu cated technologists. But the situation really due to defects in our educations system. We have allowed the growth of the technological age to bring in the new conditions with too little consider. tion of the necessary adjustments to or economy. There is surely somethin wrong with a situation in which the pharmaceutical industries are starved well-trained high-grade personn through lack of a few thousal pounds spent on university equipment

The objects of education at al moment of time should be the dissen nation of understanding of the sta reached by mankind up to that mome There is no conflict between that vic and that other which sees a vast stor house of educational value in the stu of past ages: no conflict, only an ins tence that there must be no cut-off po beyond which knowledge and expe ence shall be in no way related to t educational process. The question specialisation is important but not ex to resolve. A man must obviously atta a high degree of proficiency in special field he has chosen for his life

work, and it is sometimes contended much too readily that therefore he has no time for the broadening influences. Educational responsibility here would have to be along the lines of "subject splintering." As a subject grows by the accretion of knowledge, there would seem no reason why those planning the university course for the specialist should force him to attempt the same high degree of specialisation over the wider field. Today no man can know all chemistry, so that the name chemist has ceased to designate the specialist. Each of the many branches of chemistry now provides a life's work for the individual

In conclusion, it must be underlined that we cannot give too much thought to the study of educational potential

with a view to providing what the age requires. The responsibility for the situation a few years ahead is carried by those who set the course for education today.

In his report as Dean, Professor LINNELL said that the close of the 114th session of the School was marked by the retirement of Professor H. Berry as Dean. He wished to place on record his appreciation, and that of every other member of the School, of the work of Professor Berry. No one had contributed more to its success and future progress. The pharmaceutics department had now had the experience of one session in the new building, and one could already recognise the effect of the freshness and modern equipment of the building on both staff and students.

With the new session the pharmaceutical chemistry department would occupy the fourth floor of the new building. The basement accommodation designed for pharmaceutical physical chemistry would not be ready until January 1957 at the earliest, but the fourth floor would be opened for students in October 1956.

Plans for More Students

The University had informed them that, despite the enormous building needs of the University as a whole, a grant was to be made available for the completion of the building in the 1957 programme. The building might be completed by October 1957. That prospect made it possible to plan to increase the intake of students to forty-eight.

LONDON NURSING EXHIBITION

Pharmaceutical manufacturers well represented

MORE than half the stands (out of a record number of seventy) at the Lon-Nursing Exhibition, October 15-19, were occupied by pharmaceutical manufacturing companies.

Among the pharmaccutical exhibits was Gomaxide, a new liquid germicide shown by RIDDELL PRODUCTS, LTD., London, E.2 (for the manufacturer, Gomax, Ltd.), with a Rideal-Walker coefficient of 6.5. It contains a mixture chlorinated xylenols, terpineol and chlorophyll in a neutral detergent fluid, and is claimed non-toxic and non-irritant. Shown at the same stand were Gomaxine antiseptic cream, containing cetrimide and chlorocresol in a non-greasy base; Riddojoy fruit-flavoured travel-sickness tablets, each containing 0.0004 gm. of hyoscine and 0.0002 gm. of hyoscyamine hydrobromides per tablet; and Bruzoff applica-tion for bruises, burns, and sprains.

Scott & Turner, Ltd., Newcastle-on-Tyne, introduced Zeph nasal spray for relieving nasal congestion in colds, catarrh and hay fever, and for use in sinusitis and allergic rhinitis; its active principle is a 0.5 per cent. solution of phenylephrine hydrochloride. Zeph is available in a plastic atomiser micro-spray tip.

GENATOSAN, LTD., Loughborough, Leics, were featuring Sebbix shampoo for dandruff control and Sanatogen tonic, with special emphasis on its use in convalescence and lactation after childbirth. Acnil dermatological cream was shown in a new tube pack, now generally available.

LLOYD-HAMOL, LTD., London, W.1, were showing Biotrase cream (see p. 459) for the treatment of superficial p. 437) for the treatment of supericial infected and necrotic lesions, particularly varicose ulceration of the legs, post-thrombotic and diabetic ulcers, burns, traumatic wounds, bedsores, pyodermias, and boils and carbuncles (after incision). (after incision).

SOUTHALLS (BIRMINGHAM), LTD., Birmingham, 8, exhibited their recently introduced baby powder, presented in a tin with plastic "twist" closure, perforated for sprinkling. Messrs. Southall announce that they are increasing their hospital service for gauze swabs and cotton-wool balls.



DISTINGUISHED VISITOR: The Dowager Marchioness of Reading visits the stand of William R. Warner & Co., Ltd.

MACLEANS, LTD., showed new-formula Maclean indigestion tablets, containing

aluminium hydroxide; and Macprins.

A new product Dettol antiseptic cream shown by Reckitt & Colman, Ltd., Hull, is recommended for obstetric use and for the prevention of cross-infection. The cream, which leaves the skin in a non-oily, nontacky condition, is quickly absorbed when rubbed over the hands. It contains parachlormetaxylenol in a nonionic self-emulsifying base, and a small content of sulphated lauryl alcohol ensures dispersion of the parachlormetaxylenol throughout the aqphase. The cream has a pH of 3. phase. The cream has a ph of 3.
The Ames Co. (London), Ltd., Lon-

don, W.1, demonstrated three new additions to their range of diagnostic reagents for urine testing: Altest tablets for the detection of protein; Occultest tablets for the detection of blood; and Ictotest tablets for the detection of bilirabin. The company's sole distributors are Don S. Momand, Ltd.

A new cereal food for babies was featured by Cow & GATE, LTD., Guildford. The food has a high protein content but its vitamin content has been reduced to 100 from 1,000 units.

Other exhibitors included APLIN & BARRETT, LTD., Yeovil (lactic cheese and milk powders). BailLiere, Tindall & Cox, Ltd., London, W.C.2 (books); John Bell & Croyden, London, W.1 (invalid furniture); Bovril, Ltd., London, Ltd., London, W.1

don, E.C.1 (weaning food and fruit drinks); Brand & Co., Ltd., Lendon, S.W.8 (meat essences); Cadbury Bros., LTD., Bournville, Birmingham (diabetic chocolates and Bourn-Vita); CIBA LABORATORIES, LTD., Horsham (Ritalin, Bradosol and Antistin - Privine); CLINICAL PRODUCTS, LTD., Richmond (Arthripax and Persomnia); CONTINEN-TAL LABORATORIES, LTD., London, W.C.1 (Toxol). CROOKES LABORATORIES, London, W.C.1 (10x01). CROOKES LABORATORIES, LTD., London, N.W.10 (halibut oil cap-sules, hand-cream and lacto-calamine); ENERGEN FOODS CO., LTD., London, N.W.10 (dietetic products); FARLEY'S INFANT FOOD, LTD., Plymouth (Farley's rusks); GLAXO LABORATORIES, LTD., Greenford (Complan); H. J. Heinz & Co., Ltd., London, N.W.10 (strained foods); Imperial Chemical (Pharmaceuticals), Ltd., Wilmslow (Savlon, Hibitane and Lorexane); INTERNATIONAL CHEMICAL CO., LTD., London, W.C.1 (Anadin and BiSoDol); JEYES' LABORATORIES, LTD., Chigwell (Ibcol disinfectant); KEEN, ROBINSON & CO., LTD., Norwich (Robsoup and Robrex); LACTAGOL, LTD., Mitchen (Cilicony Vaccus) TAGOL, LTD., Mitcham (Silicone Vasogen); Menley & James, LTD., London, SW5 (Renzedray, inheles), London, S.W.5 (Benzedrex inhaler); ANTISEPTIC, LTD., London (Milton and Miltharex); Moore Medicinal Products, Ltd., Aberdeen (Tetride and Noctynol); Pharmax, Ltd., Bexleyheath (Diuromil and Ralgex); Radiot. CHEMICALS, LTD., London, S.W.15 (Radian products); W. J. RENDELL, LTD., Hitchin (chemical contraceptives); ROZALEX, LTD., Manchester (Rozalex barrier creams); SMITH & NEPHEW, LTD., Welwyn Garden City (Elastoplast Airstrip and Lucidil); TAMPAX, LTD., Greenford (vaginal tampons); A. WANDER, LTD., London, W.1 (Ovaltine, Vimaltol and Wandervite); WILLIAM R. WARNER, LTD., London, W.4 (Veracolate, Agard, and Colwil tablatop. R. Warner, Ltd., London, W. T. (1988), colate, Agarol and Gelusil tablets); Westminster Laboratories, Ltd., London, N.W.1 (Senokot); Wright, London, N.W.1 (Senokot); WRIGHT, LAYMAN & UMNEY, LTD., London, S.E.1 (Wright's coal tar products); John Wyeth & Bro., Ltd., London, N.W.1 (Equanil and Gluferate).

The professional nurses and mid-wives conference was held in conjunction with the exhibition during which lectures and film shows were given.

LEGAL REPORTS

Drug Victim

PLEADING guilty at Macclesfield borough magistrates' court on October 3 to stealing a prescription form with which he had tried to obtain a supply of a drug, Thomas William Hughes, Macclesfield, said he could not break himself of taking it. A doctor had once said that it would give him a feeling of well-being. A police inspector said that when Hughes was brought to the police station in connection with another charge he had snatched from the table twentythree tablets taken from his pocket, and thrown them on the fire. The inspector called at a local pharmacy and there recovered a prescription form which Hughes admitted having stolen, made out with a quantity of the tablets, and signed with the name of the doctor. He had sent somebody into the pharmacy with it, but the pharmacist would not supply. Hughes was remanded in cus-tody for two weeks for medical report.

Pine Tar on the Roadway

At Thames magistrates' court, London, on October 19, a summons against the White Sea and Baltic Co. (P. & I. Danischewsky, Ltd.), Concordia Works, Managers Street, London, E.14, for "unlawfully suffering filth, to wit, pine tar, to run upon the highway from premises adjacent thereto," contrary to the Highways Act of 1835, was dismissed. The company pleaded not guilty. A police constable said the 9-ft.-wide road outside the company's premises was covered by a half-inch layer of pine tar for a distance of 20 yd. It was flowing from a dozen casks on the company's lay-by. The constable agreed that seven workers started "fairly energetically" cleaning up the tar. Defending counsel submitted: "This can't be described as filth." The definition of filth was "foul matter, rottenness, loathsome dirt." The magistrate said that the pine tar would more properly be described as "offensive matter."

Conditional Discharge

AT Sunderland magistrates' court, on October 1, Ileys, Ltd., Ryhope, were given a conditional discharge but ordered to pay £4 12s, costs on a summons for selling codeine tablets when not authorised sellers of poisons and for unlawfully using the title "chemis s." It was stated that an inspector had gone into Iley's shop on June 6 and had been sold fourteen tablets in a packet on which was a printed form with the words "Iley's, Ltd., Chemists."

At the hearing the managing director willow Caril Hay said that when (Mr. William Cecil Iley) said that, when the inspector asked for the tablets, he had thought he wanted them because he was ill. He knew that other places were closed, so he let him have some loose tablets in a wages packet on which he put an "old" label. When he discovered that the customer was an inspector of the Pharmaceutical Society he showed the inspector his own supply of tablets, bought for personal use, from which he had made the sale. The first intimation that proceedings were being taken against him came three months later.

NEW COMPANIES

P.C. = Private Company; R.O. = Registered Office

FITZMAURICE CHEMISTS, LTD. (P.C.).—Registered in Dublin. Capital £6,000. Directors: K. A. Fitzmaurice and J. C. McGarry, M.P.S.I., 150 Church Road, East Wall, Dublin. [Revised note.]

- P. CORRIGALL, LTD. (P.C.).—Capital £1,000. To carry on the business of chemists and opticians, etc. Directors: Mary E. Corrigall, Kathleen N. Corrigall, M.P.S., and Doreen F. Fraser-Smith. R.O.: 125 Nuns Moor Road, Newcastle-on-Tyne.
- J. A. DALE (BAKER STREET), LTD. (P.C.).—Capital £1,000. To carry on the business of wholesale and retail manufacturing druggists, opticians, etc. Directors: Aaron Melzack (director, J. A. Dale, Ltd.) and Wendy Melzack. R.O.: 17 Baker Street, London, W.1.
- T. W. McCARTHY & SONS, LTD. (P.C.).—Capital £500. To carry on the business of laboratory furnishers and dealers in laboratory equipment, etc. Directors: T. W. McCarthy and others to be appointed by the subscribers. R.O.: 15 Dumfries Place, Cardiff.
- E. CRAVEN (CHEMISTS), LTD. (P.C.).—Capital £500. To carry on the business of wholesale and retail chemists, druggists, etc. Subscribers: Jean Hebert, 156 Strand, London, W.C.2, and Thomas A. Herbert. The first directors are to be appointed by the subscribers.

ANTISOL, LTD. (P.C.).—Capital £100. To carry on the business of importers, exporters, wholesalers and retailers of chemicals, etc. Directors: Jaap van den Bergh and John A. R. Jackson (directors, Vabepa (Export), Ltd.). R.O.: 70 Old Broad Street, London, E.C.2.

RIES, LTD. (P.C.). — Capital £100. To carry on the business of chemists and druggists and dealers in surgical appliances, etc. Subscribers: J. Kreitman, G. R. Ries, M.P.S., and E. Kreitman. The first directors are to be appointed by the subscribers. R.O.: 462 High Road, Wembley.

TOOTELL & CO. (LIVERPOOL), LTD. (P.C.).—Capital £20,000. To acquire the business of starch and dextrine manufacturers and dcalers carried on by Hugh M. Simpson and Guy Simpson at Liverpool, etc. Directors: Guy Simpson and Gordon Slater. R.O.: 24 Chapel Street, Liverpool, 3.

MOLECULAR RESEARCH & DE-VELOPMENT, CO., LTD. (P.C.).— Capital £100. To carry on the business of manufacturing, research and general chemists and physicists, etc. The first directors are to be appointed by the subscribers. Solicitors: Herbert Smith & Co., 62 London Wall, London, E.C.2.

MESCO LABORATORIES, LTD. (P.C.).—Capital £5,000. To carry on the business of manufacturers of and dealers in pharmaceuticals, chemicals, antibiotics, etc. Subscribers: Thomas W. Scott and Leslie H. Roberts. The first directors are to be appointed by the subscribers. R.O.: 35 New Broad Street, London, E.C.2.

JOHNSON & JOHNSON EXPORT. LTD. (P.C.).—Capital £100. To carry on the business of manufacturers of and dealers in all kinds of surgical dressings, etc. Subscribers: J. F. Brooke and E. H. Marsh. The first directors are to be appointed by the subscribers. Solicitors: Freshfields, 1 Bank Buildings, Princes Street, London, E.C.2.

Company News

SAVORY & MOORE, LTD. — The chairman (Mr. R. W. V. Neathercoat) in his statement accompanying the accounts for the year ended March 31. says that group turnover and trading was satisfactory. Mr. F. B. Day, general manager of Arnold & Sons Veterinary Instruments, Ltd., has been appointed to the board. For accounts see C. & D., October 20, p. 428.

BUSINESS CHANGES

THE London address of T. J. Bilson & Co., is now 669 Finchley Road, N.W.2 (telephone: Hampstead 6313).

A. & I. BASTOW have opened a branch pharmacy at 14 High Street, Dunsville, nr. Doncaster.

WALTER F. PICKUP, LTD., are opening a pharmacy in Church Road, Northolt, Middlesex, early in December.

MR. E. C. LAMPARD, M.P.S., has removed his pharmacy to newly-built and equipped premises at 39 Baldwin Street, Bristol, 1.

MR. MICHAEL WHELAN, M.P.S.I., Shannon Street, Limerick, has purchased property at 30 O'Connell Street, Limerick, and intends to open a pharmacy and photographic business there.



Mr. S. Roberts Mr. E. K. Miller (sales managers for northern and southern region respectively of Bowater-Scott Corporation).

BOWATER - SCOTT CORPORA TION have opened a northern region sales office at 66 Mosley Street, Man chester, 2 (telephone: Central 0974) Mr. S. Roberts has been appointed sales manager for the area, which covers Northumberland, Durham Cumberland, Westmorland, Isle of Man, Lancashire, Anglesey, Flintshird Cheshire, Caenarvonshire, Denbigh shire and Yorkshire.

OVERSEAS VISIT

MR. E. K. SAMWAYS, B.Pharm B.Sc., F.P.S., F.R.I.C. (manager of the Ware factory of Allen & Hanbury Ltd.), is leaving on a world tour of October 27 to visit the company manufacturing units in Calcutt Sydney, and Toronto. He is expect to be away about seven weeks.

PERSONALITIES

AN honorary doctorate in Science was conferred on Sir Alexander Fleck, F.R.S. (chairman, Imperial Chemical Industries, Ltd.), at Oxford University on October 18.

MR. R. P. BIRD, M.P.S., Grantham, Lines, who has been manager of the London Road, Grantham, branch of Boots, Ltd., since 1924, retired on October 20.

MR. LESLIE COLNE whose appointment as sales director of the soap division of British Glues & Chemicals, Ltd., was announced recently (C. & D., October 20, p. 428), is a well-known personality in soap and perfumery circles in Britain and the United States. He severed his connection with H. Bronnley & Co., Ltd., after twenty-five years' service, in August 1955, to purchase the controlling interest in the Toro Soap Co., Ltd., with its subsidiary, Fontaine (Perfumes), Ltd.

MR. CHARLES A. QUINN, Belfast, who has been elected president of the

Pha rmaceutical Society of Northern Ireland (see p. 467), qualified as a pharmaceutical chemist in Dublin in 1925. He became a member of the Northern Ireland Society in 1926 and commenced business a year later on his own account in Belfast, Joining the



fast. Joining the
Council of the Society in 1952, Mr.
Quinn became vice-president on the resignation of Mr. Hugh Crossin. He
played an important rôle in assisting in
the framing of the recent education
regulations. Mr. Quinn is a past-president of the Ulster Chemists' Association,
and is chairman of the Local Pharmaceutical Committee, a member of the
Pharmaceutical Advisory Committee of
the Northern Ireland General Health
Services Board and a member of the
Northern Ireland Poisons Board and
the Statutory Committee.

MR. HARRY ROBINSON, M.P.S., Baildon, Shipley, Yorks, celebrated his 100th birthday on October 21. He received twenty-four telegrams of congratulation — including one from the Queen and one from the C. & D., to which he is still a subscriber-and over 100 letters and cards. Among callers were Mr. T. Heseltine (a past-president and a member of the Council of the Pharmaceutical Society) and Mr. J. McFarland (representing the Pharmaceutical Society of Northern Ireland). Mr. Robinson began his career in pharmacy in 1874 and up to five years ago he was still serving behind the counter of his shop in Browgate, Baildon. Born in Charlestown, a mile from his present home, he worked on a farm, in a brickworks, and in the textile industry before becoming apprenticed to Mr. James Hunter, Dewsbury, Mr. Robinson quali-fied from the Westminster College of Pharmacy in 1881, opening up his own

business in Baildon shortly after. His present shop stands opposite the site of the original shop. Later he moved to premises a few yards round the corner,



Mr. Harry Robinson at his home with members of his family on his 100th birthday.

and then bought and developed the present premises. The business is now known as H. Robinson (Chemists), Ltd., and is managed by his grandson, Mr. E. H. Robinson, M.P.S. Over thirty years ago, when the first official bank was opened in Baildon, then the Bradford Old Bank and now Barclays Bank, Ltd., Mr. Robinson became manager on top of his other responsibilities and today he is the oldest paid member of the "Barclays Bank in Bri'ain" pension scheme. Older people in Baildon re-member Mr. Robinson as the only dentist in the district fifty years ago. Busy as he was he was able to render other services to his township. He served on Baildon council for nine years, serving a term as its chairman. He is also a former chairman of Baildon education subcommittee and sat as a justice of the peace at nearby Otley until the compulsory retirement Act was passed. Mr. Robinson's wife died in 1938.

MR. GILES ST. CLAIR, a vice-president of S. B. Penick & Co., New York, is on a visit to Britain. Accompanied by his wife (who is a daughter of the late S. B. Penick, sen., founder of the company), Mr. St. Clair attended a reception in London on October 18 given by Mr. R. Gordon Archer, managing director of C. F. Gerhardt, Ltd., and a director of S. B. Penick & Co., Ltd. Amongst the guests were: Messrs. J. D. Taylor Marsh (Menley & James, Ltd.); P. M. Rivinns (president, Smith, Kline & French International); L. Donnithorne, D. G. Heath, F. Adams (Burroughs Wellcome & Co.); A. E. B. Lloyd (Squibb International); J. C. Cochrane (A, & G. Nicholas, Ltd.); H. H. Huffer (Huffer & Smith, Ltd.); A. H. Pashley (Whiffen & Sons, Ltd.); L. G. Harris (B.D.H., Ltd.); and Drs. G. Malcolm Dyson (Pure Chemicals, Ltd.); J. A. Page and A. E. Alcock (A. & G. Nicholas, Ltd.).

BIRTH

McGREGOR. — On October 10, to Maureen, wife of J. Kenneth McGregor, M.P.S.N.I., 9 Orpen Park, Finaghy, Belfast, a son, Alistair Kenneth.

DEATHS

BRAY. — In a Scarborough hospital on October 14, Mr. D'Arcy Arthur Bray, M.P.S., 98 Stockton Road, West Hartlepool, co. Durham. Mr. Bray qualified in 1921. He was formerly in business at 63 Smeaton Street, North Ormesby, Yorks. He was a past chairman of the Tees-side Branch of the Pharmaceutical Society.

HALLAM. — At Cambridge on October 18, Mrs. M. Hallam. Mrs. Hallam was for over thirty years South Coast representative of Arthur H. Cox & Co., Ltd., Brighton.

HARDING. — On October 9, Mr. Charles Thomas Harding, M.P.S., 440 Great West Road, Hounslow, Middlesex, aged eighty-eight. Mr. Harding owned pharmacies in West Bromwich and Fareham, but since 1950 had been helping his son, Mr. E. C. Harding, M.P.S., in his pharmacy in Ealing.

BRANCH AND ASSOCIATION MEETINGS

BIRKENHEAD AND WIRRAL Television "Appearance"

BIRKENHEAD viewers of a popular commercial television programme transmitted on September 20 saw on the screen several "close-ups" of local pharmacists. A party of thirty members of the Birkenhead and Wirral Pharmacists' Association, after touring the works of Cussons, Sons & Co., Ltd., visited a television studio where they formed part of the audience during one programme. On September 24, the Association's first meeting of the season was addressed by "Nomad" of the B.B.C. on "The Wirral Peninsula," which was illustrated with slides.

PLYMOUTH

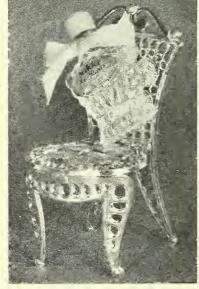
Cortisone and other Steroids

Dr. J. J. F. Merry (medical director, Merck-Sharp & Dohme, Ltd.), addressed Plymouth Branch of the Pharmaceutical Society on cortisone and related adrenal cortical steroids, recently. The talk was followed by the film "Therapy with Cortisone," which showed the clinical response obtained in patients with rheumatoid arthritis, acute rheumatic fever, bronchial asthma, pemphigus and traumatic iritis. Dr. Merry outlined the mechanism of secretion of the adrenal cortical steroids and showed how that was related to the body's reactions to stress. Many points were discussed, including the necessity for knowing that patients on cortisone therapy frequently required potassium chlorate. Furthermore, if a salt-free diet was prescribed, it was illogical to give patients sodium bicarbonate for dyspepsia. Although not yet available outside hospitals, the steroids prednisone, prednisolone and fluorohydrocortisone were also mentioned, since Dr. Merry foresaw that pharmacists would soon have to make room for them on their shelves.

MORE CHRISTMAS GIFT PACKS

Below left, Helena Rubinstein, Ltd. A presentation carton containing Apple Blossom skin perfume in gilt-capped pressure spray bottle. Below centre, Nikki Novelties, Ltd. A replica of a Regency period chair with silvered finish to which is attached a bottle of French perfume. The set is packed in Regency striped presentation box. Top right, Gala of London, Ltd. A new series of Gala products for men. White Horse, which is made in Sweden. The talc and after-shave lotion are packed in a plum, black and gold coffret. Also available are shaving bowl, Cologne and individual packs of the talc and after-shave. Below right, Rozalex, Ltd., Gift pack of Rozalex skin creants: two barrier creams and one lanolin skin reconditioner. As shown, the pack can be converted to a counter display.







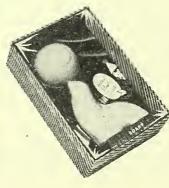


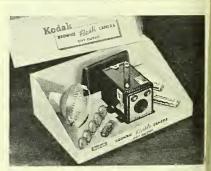




WILLIAM FREEMAN & CO., LTD., Suba Luxe hot water bottle with ocelot cloth cover which gives longer heat retention. The cover is fitted with a zip-fastener.







KODAK, LTD. Brownie flash camera gift set which contains the Brownie flash II camera and the new Brownie flash-holder, flash-bulbs, two films, and a canvas carrying case.

Extreme left, John Morrell & Co., Ltd. Red Heart special packs containing, in the larger one, three 8-oz. tins of Red Heart dog food, a chocolate-flavoured rubber ball, Christmas stocking and greetings card, and, in the smaller, two 8-oz. tins of Red Heart. Left ROBERTS WINDSOR SOAP Co.

Left, ROBERTS WINDSOR SOAP Co., LTD. Novelty "soapy seal" pack which is available in assorted colours

NOT ILLUSTRATED

Personality Beauty Products, LTD Coffrets of Personality beauty preparations including the recently introduced turtle oil soap, foundation cream and skin food. Also Fontaine gift boxes

THERMOS (1925), LTD. A wide range o vacuum jugs, flasks, jars, and bowls.

NEW PRODUCTS AND PACKS

Luxury Pack.—Johnson & Johnson (Gt. Britain), Ltd., Slough, Bucks, have introduced a new large "luxury" pack of Johnson's Tender-Touch tissues. The pack contains 150 pulls (300 sheets).

All-transistor Hearing-aid. — Bonochord, Ltd., 48 Welbeck Street, London, W.1, have introduced a new all-transistor model, the Zephyr L5 miniature one-piece hearing-aid, in friction-



damped Tenite plastic, with wide-range microphone and internal battery. The aid works at 1.3, 1.5 or 3 volts, and comprises three matched transistors in a stabilised circuit. Automatic volume control permits maximum amplification of all wanted sounds with maximum attenuation of extraneous noises.

A Pack for the Pocket.—Sevenseas cod-liver oil capsules are now being issued by British Cod Liver Oils (Hull & Grimsby), Ltd., St. Andrew's Dock, Hull, in a small circular pack easy to slip into pocket or handbag, and holding twenty-five capsules (enough for several days).

Oral Treatment for Hæmorrhoids, — E.G.H. Laboratories, Ltd., Peru Street, Salford, 3, Lancs, are marketing a new speciality, Parmacetyl tablets, for hæmorrhoids and allied conditions. Each tablet contains ethyl hydroxyethyl cellulose, 0·162 gm.; magnesium hydroxide, 0·130 gm., and cetaceum, 0·324 gm. The tablets are claimed efficacious when taken orally in cases of first, second or third-degree piles, Not advertised to the public, they may be prescribed on EC10 forms.

Magnetic Soap-holder. — Blunco (London), Ltd., 1 Longley Road, Tooting, London, S.W.17, are marketing a magnetic soap holder, Clic, the purpose of which is to eliminate or reduce the cleaning of wash-basins and economise in soap. Clic comprises a fitment that is cemented to bathroom-wall tiles (a supply of glue is provided), and a metal cap which is pressed into the tablet of soap. After use in washing, the metal cap is placed against the holder, to which it is magnetically held. The Clic may also be used to hold a shaving brush.

Anti-seborrhæic Lotion.—Max Factor Hollywood and London (Sales), Ltd., 16 Old Bond Street, London, W.1, have entered the pharmaceutical field with a new preparation claimed to clear dandruff and prevent itchy scalp. The new product, Banish, is stated to have proved, in trials in the United States,

"more efficient in every way than any other product available." In use it is applied daily until the condition is under control, then as required. The active ingredients are benzethonium chloride and N-trichloromethylmercapto-4-cyclohexene-1,2-dicarboximide.

A New Antibiotic. — Pfizer, Ltd., Sandgate Road, Folkestone, Kent, simultaneously with Pfizer, Inc., New York, U.S.A., recently announced the introduction of "a major new antibiotic". Signature of the control of the biotic": Sigmamycin. Claimed to re-present "a striking advance in the treatment of all infections for which anti-biotics are used," and to solve the growing problem of toleration of patients to antibiotic treatment and emergence of microbial-resistant strains, Sigmamycin is the outcome of researches into synergistic effects of antibiotics. The product is called in the United States "a multi-dimensional" antibiotic. It combines tetracycline with another substance oleandomycin, and the manufacturers claim that, in most conditions for which wide-range antibiotics are now prescribed (including soft-tissue, urinary, staphylococcal and streptococcal infections, pneumonias, etc., as well as the diseases for which penicillin is commonly used) it has the widest antimicrobial effectiveness and heightened potency, while ensuring safety for the patient.

Swim Caps for 1957.—Bathing caps in the 1957 range of bathing caps produced by Kleinert Rubber Co., 91 New Bond Street, London, W.1, were on display recently in London. Eleven new styles have been added to the best-selling numbers of 1956. They include improved strapless and non-drag models for women, four children's models and



Uncrushable tube and display outer in which Pacquins hand cream is now issued by the distributors, Scott & Bowne, Ltd., London, W.1.

Theophylline in Asthma Remedy. Carlton Laboratories (Southern), Ltd., 46 Preston Street, Brighton, Sussex, are marketing a new medicinal speciality, Phyldrox, which provides the prescriber with a tablet containing theophylline, gr. 2, and ephedrine hydrochloride, gr. 3, with phenobarbitone, gr. 1/8. Phyldrox is claimed effective in the symptomatic relief of asthma, and useful in the treatment of allergic disorders such as hay fever. It is available in two varieties (plain and enteric-coated), the latter designed to give a delayed action and therefore suitable for use before retiring. The packs are bottles of fifty and 250 plain, and of forty and 250 entericcoated tablets. Phyldrox is also available as suppositories, each containing 0.36 gm, aminophylline in cocoa-butter base: six in box, each wrapped in foil.







a cap for men that avoids dissipation of hair cream or spoiling of the hair by salt or chlorinated waters. The models illustrated are the Viking Sava-wave Trumps (strapless) in white, printed red and black; the Viking Confetti (strapless) printed in four colours on white; and the Viking Sava-wave Standard (strapless) with continuous flange and in choice of eight colours. Kleinert swim caps are being used by British swimmers in the Olympic Games. A red, white and blue design on the caps will show up clearly as they leave the water. For the women's team the cap chosen is the No. 94 Viking Sava-wave (strapless), for the men No. 48 Viking skull cap.

Stabilised Trypsin Preparation. — Lloyd-Hamol, Ltd., 11 Waterloo Place, London, S.W.1, have made available a new dermatological preparation, Biotrase, whose important feature is that it contains trypsin in a stabilised form, together with two new antiseptic agents, calcium N-hydroxymethylglutaminate and bithionol (2, 2¹ thiobis-(4, 6-dichlorophenol)). The treatment is based on the dissolution of the crusts formed when ulcers commence to heal by the proteoly, ic ferment trypsin (which the manufacturers have found means of stabilising by the inclusion of a buffering substance in the cream). The pack is a 35-gm. tube.

TRADE NOTES

Now in Vacuum-sealed Tin.—Merck-Sharp & Dohme, Ltd., Hoddesdon, Herts, announce that henceforth Sucrets are being sent out in a vacuum-

Change of Pack.—Beecham Pharmaceuticals, Ltd., St. Helens, Lancs, announce that, from November 1, the 34-powder pack of Beechams powders is being replaced by a new brokenbulk size containing sixty powders.

Discontinued. — John Bell, Hills & Lucas, Ltd., Oxford Works, Worsley Bridge Road, S.E.26, have discontinued issuing the 4-lb. and 7-lb. packs of Triad cherry malt and oil; and the 4-and 7-lb, packs of John Bell halibut-liver oil with extract of malt and colloidal iron and iodine.

Christmas Wrapper. — Philips Electrical, Ltd., Century House, Shaftesbury Avenue, London, W.C.2, are issuing with every Philishave pack leaving their factory during the next few months a special Christmas wrapper with a design incorporating Father Christmas using a Philishave.

Dilution Changes.—Parke, Davis & Co., Ltd., Staines Road, Hounslow, Middlesex, are now issuing their acne bacillus vaccine in two dilutions: 50 and 500 million acne bacilli per c.c., each in 1-c.c. ampoule and 10-c.c. vial. The 20-million-per-c.c. dilution has been discontinued.

Reintroduced. — Pharmaceutical Specialities (May & Baker), Ltd., Dagenham, Essex, announce the reintroduction of M. & B. dental cones for the topical application of sulphonamides. The prolonged bacteriostasis the cones provide eliminates the need for systemic therapy except when sepsis is extensive. Cases of "dry socket" are understood to have improved rapidly after application of the cones. Other indications include fracture and ostemyelitis. The cones are conveniently shaped to facilitate handling and may be pressed down to the base of the socket. Each contains sulphanilamide gr. ½ and sulphathiazole The pack is a container of 100.



PROMOTERS OF ELECTRIC SHAVING: That, outside America, Britain is still the world's big-gest market for electric shavers, was stated by Mr. Jack Chollar (left), international executive in charge of world-wide electric-shaver operations for Remington Rand, Ltd., 26 Kensington High Street, London, W.8, when he arrived in England on a business visit. Mr. Chollar is seen with Mr. F. J. Edmonds (general sales manager in Britain, shaver division).

Carriage on Orders.—Paines & Byrne, Ltd., Perivale, Greenford, Middlesex, announce that, with effect from December 1, carriage is being paid only on orders to the value of £3 net and over.

An Additional Size. — Pantene hair stimulant, containing panthenol, which has had a remarkable success in continental countries among victims of seborrhoea sicca, and which is being manufactured in Britain by Thos. Christy & Sons, Ltd., Aldershot, is now available in this country in containers of two sizes. The smaller ampoule has already achieved sales to a total of many thousands. The product is now being nationally advertised.

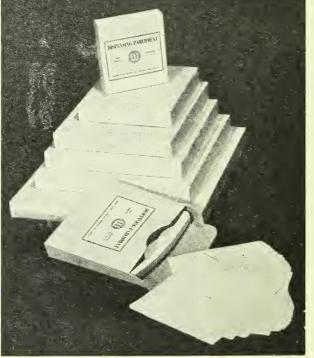
Seamless Gelatin Capsules, - B. & P. Laboratories, Ltd., 9 Packington Road, Acton, London, W.3, are producing seamless gelatin capsules in "an entirely new and revolutionary way." One of the unique features of their process is that

the gelatin shell is both made and filled in one simple and quick operation under hygienic conditions. Accurate dosages, quickly soluble shells, a capsule with a true hermetic seal and attractive and elegant appearance, are other outstanding features claimed for the new-type capsules. For the first time ½-minim size capsules can be manufactured. It is understood that considerable quantities of the new type seamless capsules have already been absorbed by leading pharmaceutical houses. The company undertakes the encapsulation of clients' own materials

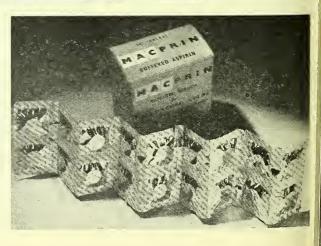
Christmas Seals in Books. — For the convenience of users, the National Spastics Society 28 Fitzroy Square, London, W.1, is providing in books, rather like large stamp books, its Christmas seals, by which it is hoped to raise £350,000 for handicapped children. The stamps have been printed

in twelve new designs in a variety of colours. Each book contains a signed message from Wilfred Pickles (a patron of the Society) tographs of some of the schools and clinics opened by the Society with money raised from previous Christmas seals campaigns. The books are being distributed through

and miniature phoshops of many trades. Supplies may be obtained from the Society. DISPENSING PARCH-

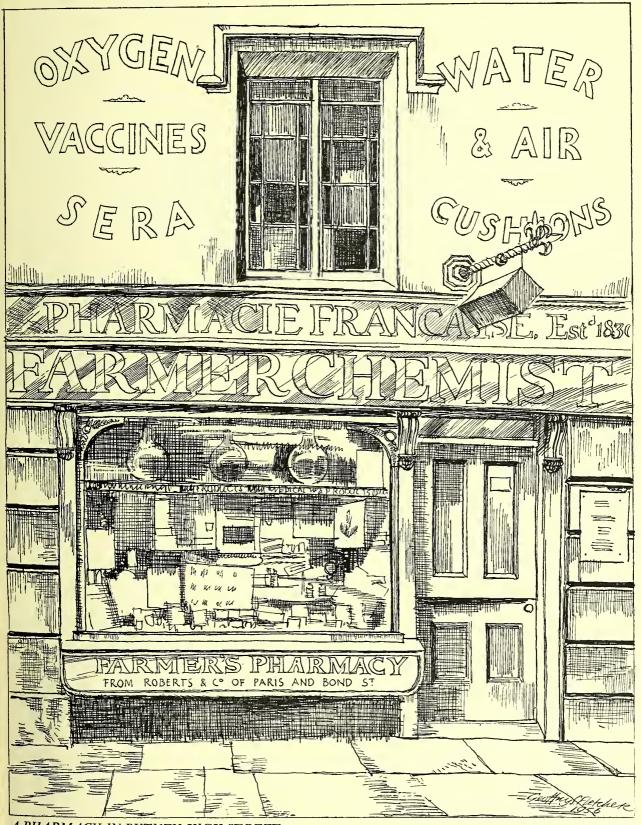


FOIL-PACKED TAB-LETS: Macprin tablets made bv Macleans, Ltd., Great West Road, Brentford, Middlesex, are packed in strips of heat-seal coated Vcn-esta foil. Two strips of tablets are folded into each carton. Before that form of packaging was decided upon, experi-ments and stringent tests were carried out over a long period. The tests were designed to ensure that the foil was impermeable to mois-ture and moisture vapour; the quality of the heat seal; and that the heat-seal laminate did not impart any taste to the contents.



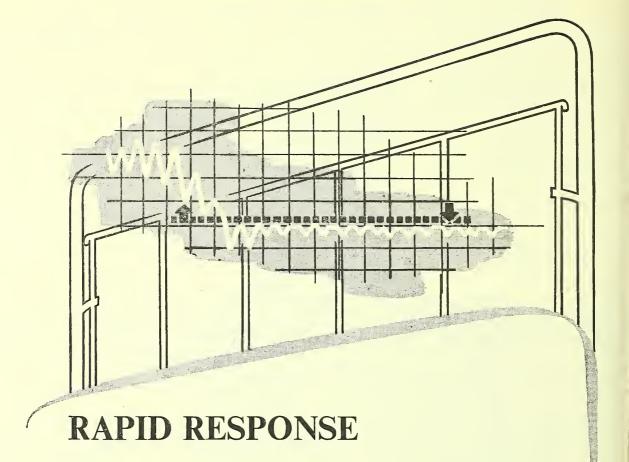
MENT: Thomas Waide & Sons, Ltd., P.O. Box No. 140, Kirkstall Hill, Leeds, 5, have introduced, as one of their stock lines, a super quality white dispensing parchment packed in cartons of one ream (480 sheets). The range of seven sizes covers powders to 16-oz. bottles.

PHARMACIES OF BRITAIN—51



A PHARMACY IN PUTNEY HIGH STREET

One of the few picturesque old shops remaining in Putney High Street, the pharmacy of Farmer & Co., Ltd., is in a Gothic-style building of early nineteenth-century date.



Rapid response to treatment, smooth convalescence and an early return to normal activities is a natural result of the oral administration of Chloromycetin*. Readily absorbed from the gastro-intestinal tract, Chloromycetin diffuses rapidly and penetrates tissue barriers easily, producing blood-levels which rise proportionally with increase in dosage.

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Claim and Offer

On November 1 representatives of Pharmaceutical Committees are to consider at a conference in London an offer by the Ministry to increase the remuneration of contractors. The general lines of the offer were published last week (C. & D., October 20, p. 425) but one of the figures quoted was inaccurately given [the fault was ours], and it is necessary, before proceeding to discuss the offer, to establish the correct details. The Ministry offered the following increases:

Per prescription dispensed in 1955, 14d.

Per prescription dispensed from January 1, 1956, 2½d.

It is considered that the additional amount should be added to the dispensing fee. Neither proposed increase applies to prescriptions for trusses and elastic hosiery, because such prescriptions are the subject of a separate claim.

The origin of the Ministry's offer lies in an instruction, given to the Central N.H.S. (Chemist Contractors) Committee by the February 1954 Conference of Pharmaceutical Committees, to press for increased fees. The Ministry countered with a demand for an inquiry into dispensing costs and, after discussions, the inquiry was instituted jointly by the Ministry and the National Pharmaceutical Union. It revealed that the excess of payments to contractors, over and above the costs they incurred, were, at December 31, 1953, at a level the contractors held to be inadequate, though the actual amount of the surplus was at first the subject of disagreement between the accountants of the N.P.U. and those of the Ministry. By the Ministry the surplus was put at possibly 2·174d., by the Union at 1·143d. There was argument about the amount, but recently agreement has been reached at a figure of 1.403d.

The Ministry for long showed no disposition to make an upward adjustment of chemists' remuneration, though it did not hesitate to clip the uncollected levy allowance. Finally the contractors could control their dissatisfaction no longer and, from a conference in February this year, gave instructions to the Contractors' Committee to make two claims. The first, to cover the period from January 1, 1954, was for an increase in gross remuneration (oncost and dispensing fee) of 25 per cent. (equivalent to fourpence per prescription), and the second for a further but unspecified increase from January 1, 1956, based on the still higher costs at that date. The amount of the second demand was to be based on returns from a sample of contractors.

It is to be noted that, while the Ministry's offer, like the contractors' claim, is in two parts, both differ in important respects from the bases of the claims. The first offer leaves out of reckoning the twelve months January to December 1954, and the second takes no account of conditions later than January 1, 1956.

To what extent do the two offers put right the injustices in chemists' financial circumstances? To answer that question it is necessary to consider the year-by-year figure for cost, and the year-by-year "surplus," from 1953 to 1956. At December 31, 1953, the surplus was, as already stated, 1.403d. per prescription. Costs for 1954 and 1955 showed net increases of 0.55d. and 1.29d. respectively over the 1953 figure. By December 31, 1955, the cost per prescription is calculated to have risen to 1.64d. over the same basic standard. On those factors the "surplus" left to the contractor in each year is given in the following table:—

	Net increase of cost	Increase offered	Surplus		
1953			1.403		
1954	0.55	Nil	0.853		
1955	1.29	1.25	1.363		
1956	1.64	2.50	2.263		
Average for three years	1.16	1.875	1.493		

Looking at those figures it may be said that, if a claim for an increase was justified in February 1954 on the basis of the "surplus" of 1.403d. per prescription at December 31, 1953, then contractors have had to arrive at something better by way of two smaller surpluses. For in the meantime costs have been rising and, whether or not a "plateau" has now been reached, the estimated December 1955 cost figure of 1.64d. probably no longer applies.

Representatives of Pharmaceutical Committees have to decide on November 1 whether those tabulated returns are adequate for the labours they have put in. They are warned that the offers are regarded by their negotiating committee as "final" and not "bargaining" offers. In other words everything that can be achieved by negotiation has been done. If the increases do not satisfy them they must squarely face the need to devise some other method of securing what they want. What that method might be we can only guess, but Mr. H. Noble (N.P.U. secretary) hinted in February (C. & D., February 25, p. 172) at action (a) through Parliament; (b) by application to the Minister of Health; or (c) by sanctions.

Apart from the amounts of the increases offered by the Ministry, two aspects of the offer are noteworthy. One is that it is tied to the dispensing fee, and that effect should make contractors' remuneration less tied to fluctuations of price. The second is that it is made conditional on chemists' co-operating in an inquiry into the extent to which Drug Tariff prices correspond to actual buying costs. In principle, the National Pharmaceutical Union has already agreed to that condition.

Also on the agenda of the conference is the question of differential payments. No policy decision is expected on the subject from the meeting, but as the present uniform system pays some contractors fairly well but faces others with deficits, the opinions aired are likely to be many and various. They will need to be fully canvassed before it becomes clear whether they can be reconciled. On the basis of the figures available, N.H.S. dispensing will bring in an average surplus of 2.26d. per prescription, representing a net profit of 3.9 per cent. That is not a rate that would be considered adequate

for other sections of the business. Not only is it clear that N.H.S. is still being subsidised by chemists' counter sales, but to many contractors an actual deficit is involved. The only sort of "differential" that would be acceptable would have to make the work profitable to them without reducing its profitability to the remainder. We should be surprised if the Ministry were concerned with "levelling up" in that sense.

Overseas Trade in September

UNITED Kingdom exports and imports in September were at their lowest level for two years, apart from the months affected by major dock strikes. during the twenty-four working days of September totalled £222.3 millions, or £31 millions less than in August (twenty-seven working days) while imports, at £295.2 millions, were over £27 millions less. With reexports at £9.2 millions, the excess of imports, valued f.o.b., over exports and re-exports, valued c.i.f., was £63.7 millions, which compares unfavourably with the average deficit of £53·1 millions for the first nine months of the year.

Drugs, medicines and medicinal preparations followed the same pattern, totalling £2.4 millions against a monthly average of nearly £2.9 millions. India was the largest customer for those commodities, her imports

EXPORTS	VALUE	
Drugs, medicines, medicinal preparation	ons £	
(total)	2,434,386	
Vitamins	183,947	
Penicillin salts	109,201	
Penicillin injections	38,039	
Penicillin tablets, ointments, etc	39,371	
Antibiotics other than penicillin	228,030	
Ouinine	10,238	
Alkaloids, excluding quinine	86,131	
Aspirin	92,886	
Antihistamines	27,763	
Antipaludics	68,522	
Barbiturates	42,470	
Liver extracts	8,529	
Ointments and liniments	95,993	
Insulin	27,498	
Sulphonamides	115,315	
Proprietary medicines	710,972	
Unclassified	519,442	
Glycerin	13,547	
Acetone	83,995	
Citric acid	22,692	
Salicylates	15,392	
Perfumery and toilet preparations	13,372	
Lipstick, face powder, etc	256,403	
Dentifrices	173,160	
Toilet soaps	204,847	
Synthetic detergents	685,631	
IMPORTS	VALUE	
,	£	_
Vitamins	84,532	
Antibiotics	89,597	
Alkaloids	39,972	
Proprietary medicines	47,106	
Unclassified medicines	279,125	
Borax	94,845	
Iodine	7,422	
Menthol	14,931	
Essential oils	,,,,,,,	
Bergamot	7,131	
Citronellla	27,328	
Clove	10,614	
Lavender	15,350	
Lemon	18,056	
Orange	19,630	
Peppermint	73,725	
Unclassified	158,955	

being valued at £185,842, followed by Australia with £161,872. For the first nine months of the year imports of British medicinal preparations by India and Australia were valued at £2:14 and £2:09 millions respectively. Over the same period exports to nearby countries in Europe have shown an improvement by comparison with those of the corresponding months in 1955. Further afield the effects of the Suez dispute are shown in the value of shipments to Egypt, which in September were at only £10,435, against £75,429 in the previous September. Exports of drugs, etc., to Turkey have almost ceased during recent months because of payments difficulties, whilst those to West Germany and Spain have been running at disappointingly low levels, though not for the same reason as with Turkey.

The September import and export values of those drugs, chemicals and allied products for which statistics are published are given in the accompanying table. Almost all items followed the general downward trend, but on the export side some slight improvement was noted in essential oils and perfumed spirits.

Onward from Galen

A CURRENT CAUSERIE

Nor many chemists are so fortunate as to receive a financial grant towards the upkeep of their premises. That was the good fortune recently of Mr. J. K. Hardy, M.P.S. (Beach & Co.), Bridport, Dorset, who received a payment under the Historic Buildings Act (C. & D., October 13, p. 400). Any envious colleague should, before making application for a similar award, be quite sure that, for historical or aesthetic reasons, his premises are equally worthy of preservation. Those of Beach & Co. have certainly a venerable record. The pharmacy was founded in 1788 by Dr. G. I. Roberts. grandfather of the late Mr. T. E. Beach, who took over the business in 1903. The pharmacy was featured in our "Pharmacies of Britain" series in 1954 (see C. & D., January 2. p. 8). The engaging architectural feature of the shop is its old-fashioned bow windows. They, however, are, on a relative view of time, a recent modification. Before being converted into a pharmacy the premises were the George Inn, in which Charles II was accommodated during his flight from Worcester in 1651.

ALFRED Occo iii, who died 350 years ago on October 28, 1606, is of interest to pharmacists as the author of Pharmacopæia, seu medicamentarium pro rep. Augustana (1564), which went through many editions; and as an enthusiastic prescriber of rhubarb, which he regarded as a preservative against all diseases. The son of a doctor, he was born in Augsburg in Bavaria on October 17, 1524, and in 1549 obtained the M.D. at Ferrara. Despite a weak constitution he had a long and distinguished career. He was appointed municipal physician to the town of his birth in 1564, ennobled by the emperor Maximilian II in 1573, and elected dean of the newly founded medical college at Augsburg in 1582. Versatile and erudite, he was an accomplished Latin and Greek scholar, an antiquarian, and a numismatician.

A PHARMACIST'S ANTHOLOGY

A SAFE SORT O' THING

From Village Idylls, by S. L. Bensusan.

"I DON'T think nothin' to sech," said the Oldest Inhabitant. "I dessay you're right," agreed Mr. Solomon Woodpecker.
"I ain't never ailed anything meself, but I allus think a doc-

tor's a safe sort o'thing to have about a place."

"We gotter have 'em nowadays seem'ly," admitted the Oldest Inhabitant, "but time I were a little ole boy there worn't no doctor nearer than twenty or tharty mile, an' we never felt th' miss o' one. We allus had a witch or a wise man about these parts."

CAGE BIRDS AND OTHER PETS

Some common diseases

URING recent years there has been a steady increase in the number of owners of cage birds and small animals as pets in this country. There has been a corresponding increase in the demand for information from chemist and veterinary surgeon about the care of those pets

and the treatment of their ailments.

One of the scientific papers delivered at the British Veterinary Congress held at Leamington Spa in September described some common diseases of cage birds and other less usual pets, and gave details of the appropriate drugs that would be used in treatment by the veterinary surgeon. The cage birds discussed were parrots, budgerigars and canaries, and the animal group included hamsters, guinea pigs, tortoises and monkeys. The diseases considered were chosen after an analysis of the many hundreds of telephone calls and letters received every week by the Zoological Society of London from veterinary surgeons and the pet-owning public.

The principles of health and disease apply to small pets as to farm livestock and to dogs and cats. The one great difference is that, when disease attacks them, it does so very rapidly and often fatally. Treatment, therefore, to be effective, must be applied immediately. Another vital requirement of any sick pet is extra warmth, and indeed that is a

prerequisite of treatment.

CAGE BIRDS

FEATHER BITING.—Probably most common in parrots, feather biting may be caused by ectoparasitism, dietary imbalance, unclean conditions or boredom. Parasites are removed by applying a gamma benzene hexachloride dusting powder to both bird and cage. The cage is best scrubbed and, where possible, sterilised. When the bird has been established to be vermin-free, clean, well fed, and housed, a change of situation is recommended, preferably to a place in the fresh air, with twigs to chew. In some cases good results have been obtained from the intramuscular injection of vitamin B₁₂ into the breast muscles daily for seven days.

VOMITING.—Vomiting is most common in the budgerigar and may be due to catarrhal infection of the crop or to intestinal infection. Recommended treatment consists in giving oxytetracycline, 1 mgm. in ½ c.c., every four hours.

ENTERITIS.—Intestinal disturbances may arise from such causes as chill, infection (e.g., Salmonella), dietary disturbances, fright, etc. The vent is inflamed by diarrhœic material, which is also found on the floor of the cage. Treatment consists in administering one of the proprietary combinations of sulphaguanidine and streptomycin, mixed equally with chloramphenicol palmitate, five drops very four hours. The provision of extra heat is an essential part of treatment.

ECTOPARASITISM.—The most common external parasites in cage birds are the mites: red mites which cause irritation and anæmia and also carry disease; scaly-leg mites which attack the legs and the beak; and depluming mites which invade the shafts of the feathers. Treatment consists in ruthlessly disinfecting the cage with 5 per cent, hot solution of washing soda, followed by dusting with gamma BHC powder. The bird is dusted with DDT powder, and the treatment repeated every four or five days for two weeks. In cases of scaly face and scaly leg, the affected area is treated daily with cotton wool soaked in benzyl benzoate for ten days. Depluming mites are controlled by DDT or gamma BHC used daily for at least two weeks.

RESPIRATORY INFECTIONS.—A bird suffering from a cold looks miserable and may be huddled on the floor of the cage. Sneezing and a discharge from eyes and nostrils are common symptoms. Treatment consists in raising the atmosphere of the cage to a high temperature. That may induce

recovery, but in severe cases equal parts of oxymel of squills, glycerin, sweet spirit of nitre and ipecacuanha wine are added to the drinking water at the rate of dr. ½ to 1 fl. oz. of water.

AIR PASSAGE INFECTIONS.—Infections of air passages of cage birds are always serious and may develop from a cold or spontaneously. In the coccal forms of infection there is hope of recovery from immediate antibiotic treatment, and injections of 10,000 units of penethamate hydriodide intramuscularly, twice daily, are advocated.

MONKEYS

TUBERCULOSIS.—Experience in the Zoological Society of London has shown that adequate dosage of isoniazid (15 mgm. per lb. body weight) with PAS (dr. 2 per 14 lb. weight), plus a modified diet to contain milk protein *ad lib*, with vitamin B will frequently produce a clinical cure. For prevention, vaccination with B.C.G. is advocated. A special vaccine of 40 mgm.-per-c.c. strength is used in 1-c.c. doses subcutaneously. Check testing is carried out at six-monthly intervals and, where a negative result is obtained, revaccination is advised.

DIARRHŒA AND DYSENTERY.—Treatment of diarrhœa and dysentery in monkeys consists in withholding food for twenty-four hours, giving boiled milk or arrowroot to drink, and administering a demulcent such as kaolin. The specific drug to be used depends on the laboratory diagnosis. If the dysentery is of bacterial origin, drugs such as sulphaguanidine and streptomycin are administered by mouth; but if it is protozoal (e.g., amæbic), carbazone or oxytetracycline is employed.

CHEST INFECTIONS.—Nursing, and a draught-free, warm enclosure (75°F. minimum) are essential during the course of the fever. Administration of 100,000 units of penethamate hydriodide twice daily by intramuscular injection in the thigh muscles is continued daily for at least five days.

VITAMIN DEFICIENCIES.—Classical symptoms caused by lack of the known vitamins are well known, but two conditions are quite commonly encountered. One is cage cramp—a progressive inability to exercise—resulting from a lack of vitamin B. To counteract it, raw liver or liver extract, plus a course of vitamin B₁₂ injections, is given for ten days. The other condition is hind-leg paralysis, in which the animal is unable to use its perch, drags its legs and suffers great pain if an attempt is made to straighten the legs. Recovery from the condition is only possible in the young animal given calciferol and ultra-violet radiation.

HAMSTERS AND GUINEA PIGS

RESPIRATORY INFECTIONS.—Guinea pigs and hamsters are subject to respiratory infections, a variety of organisms may be involved and a broad-spectrum antibiotic is therefore used if treatment is undertaken.

STREPTOCOCCAL INFECTIONS.—Two well-known conditions of the guinea-pig come under this heading: septicæmia and cervical adenitis. The first is rapidly fatal and there is no treatment; but a cure of cervical adenitis may nearly always be obtained by lancing the abscesses.

SALMONELLOSIS.—Rat-infected fæces are perhaps one of the most constant causes of salmonellosis. For treatment sulphaguanidine, streptomycin and nitrofurazone are given in the feed.

coccidiosis.—Coccidiosis occurs in both the guinea pig and the hamster. It responds to oral sulphaguanidine, gr. 10, three times a day.

ECTOPARASITES.—Infested bedding may cause trouble from fleas, lice and ticks. They can be dealt with effectively and safely by the usual insecticides.

TORTOISES

INFECTIONS.—Infections of the lungs and intestinal tract of tortoises are commonly seen in the spring, as a result of inferior or disturbed hibernation. The owner notices a nasoocular discharge, often coupled with wheeziness. Removal of the discharges, combined with antibiotic therapy, usually produces a cure. Penicillin in a dose of 10,000 units is injected subcutaneously in the brachial region twice daily. Vitamin B₁₂ by mouth is useful to stimulate the metabolic

PARASITES.—Tortoises suffer from roundworms, which are voided or occasionally vomited. They may be cleared by giving a small dose (4 tablet) of diethylcarbamazine citrate

Correspondence

Letters when received must bear the name and address of the sender, not necessarily for publication. The Editor does not hold himself responsible for the views expressed.

Alan H. Ware Memorial

SIR,—I enclose a list of subscribers to the Alan H. Ware memorial fund. Since this appeal is closing soon, I would most earnestly ask any intending subscriber to forward as soon as possible.

A. G. MERVYN MADGE P.C.S. Pharmacy Office,

Vauxhall Street,

Plymouth

[The list comprises twenty-nine with subscriptions totalling names, £29 10s. 6d.—EDITOR.]

Quid Pro Quo

SIR,-With reference to Mr. F. W. Robinson's letter (C. & D., October 20, p. 434) urging manufacturers to advertise retail prices and "obtainable from chemists," chemists should reciprocate by ensuring that their assistants offer to obtain any unstocked medical products when requested by customers to do so.

RADIOL CHEMICALS, LTD., W. A. S. STEVENS, Managing director,

London, S.W.15

Near Breaking Point

SIR,—Mr. Alfred C. Yeates appears to be out of touch. (a) A proprietor pharmacist making less than £1,000 per annum should study the "Pharmacists Wanted" column; (b) A pharmacy which genuinely cannot afford a reliable locum at current rates can afford to close down for one or two weeks; (c) A pharmacist who altruistically sacrifices his leisure or vacation (does he consider his family?) cannot, as a volunteer, grouse.

J. DEWHIRST Bradford

Pot and Kettle

SIR,—"Silence is not always golden." As the representative of a good manufacturer, earning my living by calling on the pharmaceutical profession, I am asked this morning "Are you C.F.?" The questioner's pharmacy is filled with handbags, jewellery, plastic headgear, photographic materials, perfumes, cosmetics, hair pins, hair nets and grips—
all this in the age of a Nationalised
Health Service, a "code of ethics," and
a "clean food and drug" campaign.
Hot and Cold Water

Price of Corks

 It has been brought to our notice that reports have been circulating that the price of corks is coming down. This, in fact, is not so. The crop in Portugal has been a good one and the quality is excellent, but there is no question of a decrease in price because

of the extra expenses of stripping labour costs, for example, have recently been increased by 15 per cent. We would, however, say to the customer look to the quality of your corks, there is no excuse for their not being of good quality.

Hampton, Middlesex M. Adams, Secretary, CORK TRADE ASSOCIATION

A Stimulus to Historians

SIR,—Mr. Laurence Dopson has now completed his fascinating story of "Pharmacy at Bristol Royal Infirmary" (see C. & D., October 20, p. 441). It is a great contribution, not only in showing the development of pharmaceutical services to keep pace with expanding needs, but in the discriminating use that has been made of the documentary material available, aided no doubt by shrewd inquiry. The part that successive pharmacists have played in the recovery and maintenance of patients' health is established—a service all too often neglected by hospital historians. The series of articles, in line with Mr. Whittet's earlier work on University College Hospital, will, I hope, be a stimulation to many hospital pharmacists to record in permanent form the important work of their own departments.

LESLIE G. MATTHEWS London, N.W.1

What a Suffix Stands For

SIR,—We appreciate very much the interesting letter (C. & D., October 20, p. 434) which Mr. W. Jones sent to you in reply to our note. Mr. Jones is quite right that the official name for barbiturates usually ends with "-one," but the proprietary names for barbiturates usually end, whether in this country or the United States of America or on the Continent, with "-al" (e.g., Gardenal, Amytal, Luminal). The ending "-ol" is in modern chemistry used to indicate an alcohol (e.g., butanol) and some chemists now (e.g., butanol) and some chemists now even go so far as to call glycerine "glycerol." Your correspondent is quite right that not all names ending in "al" suggest barbiturates, but as we were fortunate in this case to obtain the registration of our trade mark "Rapidal," we wanted to draw your readers' attention to the reasons for choosing such a name.

Medo-Chemicals, Ltd., N.W.5 R. J. Hulse London, N.W.5

A School of Pharmacy for Israel

SIR,—In connection with recent visit by Dr. Kohlberg (president of the Israel Pharmaceutical Association) to this

country and his lecture to the Pharmaceutical Society (C. & D., October 6, p. 382) we would like to bring to the attention of pharmacists a group formed to help establish the new School of Pharmacy in Israel. This group, a part of the Friends of the Hebrew University, invites the support and member-ship of all pharmacists interested in giving moral and financial help to the school and establishing cultural links. In the first instance we hope to organise a function to raise funds for the school. All monies, including membership subscriptions will be used in the building of the School of Pharmacy of the Hebrew University. We would like pharmaceutical chemists and student pharmacists to join us in this cause, either by becoming members, or by joining the Committee in helping to expand the group. Further details and full information will be forwarded to anybody writing to us at the address below.

(DR.) M. DONBROW, (DR.) N. BRUDNEY,

Joint Honorary Secretaries

Pharmaceutical Group, Friends of the Hebrew University. 237 Baker Street, London, N.W.1

Clarifications

SIR,-Your account of my reply to discussion at the Pharmaceutical Conference (C. & D., October 13, p. 416) contains several inaccuracies. May I clarify these by restating certain points?

1. The efficiency of extraction with propylene dichloride could be studied only by using some alternative isolation procedure, the effectiveness of which could be no more readily assessed.

2. No figures are available for the amount of gitoxin extracted into this solvent but it is present to a lesser ex-

tent than when using chloroform.

3. Whereas many purely chemical methods over-estimate the digitoxin content, the results by the present

method are probably somewhat low.

4. The digitoxose used as standard was prepared by the usual method of hydrolysis, was chromatographically pure, and had a good melting point.

E. H. B. SELLWOOD

Ware, Herts

INFORMATION WANTED

The Editor would appreciate information about Suppliers of the following: Kumar (London), Ltd. (new address) SAVANS inhaler

PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND

Monthly meeting of Council

MR. Charles A. Quinn, Belfast, was elected and installed president of the Pharmaceutical Society of Northern Ireland at a meeting of the Society's Council held in Belfast on October 18. The meeting, which was presided over by the president (Mr. Sydney E. Campbell) was the first held under the Pharmacy and Poisons Act (Northern Ireland), 1955, which provided for increased Council membership. The new members—Messrs. W. S. Hall, Larne, H. G. Campbell, Ballymoney, W. J. Thornton, Newcastle, A. Templeton, Garvagh, J. Caldwell, R. Gibson, O.B.E., and J. Kerr, Belfast, were welcomed by Mr. Campbell. There was a full attendance.

Moving the election of Mr. Quinn, Mr. CAMPBELL congratulated Messrs. H. F. Moore and C. E. Moss on their re-election to the Council and referred to the services rendered by Mr. H. J. Cousley, M.B.E., J.P., who lost his seat in the election. Mr. Campbell said that Mr. Cousley had written conveying good wishes to the successful candidates. He also paid tribute to the services of the secretary (Mr. William Gorman) during his (Mr. Campbell's) year of office. Mr. Campbell said that Mr. Quinn had served the Society and Council well and had been a tower of strength to the Ulster Chemists' Association. Seconding, Mr. H. F. Moore said that Mr. Quinn was a man of vast experience. Mr. Campbell then invested Mr. Quinn with the presidential chain and Mr. Quinn thanked the members for the honour they had conferred on him.

On the motion of Mr. John McGregor, seconded by Mr. P. R. W. Shinner, Mr. Walter C. Tate, Belfast, was elected vice-president. Mr. James Irwin was re-elected treasurer on the motion of Mr. W. H. Boyd, seconded by Mr. H. W.

GAMBLE, O.B.E.

Retirement Rotation List

The Council agreed to the following rotation list of retirements of pharmaceutical members: 1957, Messrs. W. H. Boyd, H. W. Gamble, C. A. Quinn, P. R. W. Shinner, W. P. Ewart and J. McGregor; 1958, G. E. McIlhagger, W. C. Tate, S. E. Campbell, J. Kerr, A. Templeton, H. G. Campbell; 1959, C. E. Moss, W. J. Thornton, J. Caldwell, H. F. Moore, W. S. Hall and R. Gibson.

The minutes of the September meeting of Council were approved on the motion of Mr. BOYD, seconded by Mr. McIlhagger. The secretary read a letter from Professor Bullock expressing thanks for the Council's message congratulating him on his chairmanship of the British Pharmaceutical Conference in Dublin. Mr. Gorman tabled a letter from the secretary of the Pharmaceutical Society of South Africa pointing out that it was building up a museum in its recently completed new headquarters in Johannesburg and that in order to make it of world-wide interest the gift of specimens was being invited from kindred societies. On the motion of Mr. McGregor, seconded by Mr. Ewart, it was agreed to leave the matter in the hands of the president and secretary.

The Council agreed to allow the Ulster Chemists' Association to use the Society's lecture room for its annual meeting on November 29. On the motion of MR. QUINN, seconded by MR. SHINNER, it was agreed to restore the name of Mr. James Lyle Henderson Kingcross to the Register.

The report of the Education Committee recommended the grant of certificates of apprenticeship to the following six students: Desmond Malachy Black, Armagh; Desmond Joseph Duffy, Londonderry; John James Henry, Warrenpoint; Paul Jellett, Newry; David Edward Jesson, London-



Mr. Charles A. Quinn being invested with the presidential chain of the Pharmaceutical Society of Northern Ireland by the outgoing president (Mr. S. E. Campbell).

derry; and Robert George Quinn, Richhill. The Council also adopted a recommendation of the Committee that the December examinations should be held on Friday the fourteenth, Saturday the fifteenth and the following week.

The Finance Committee report was adopted on the motion of Mr. Irwin, seconded by Mr. McIlhagger, The Committee reported that two applications for the return of the £4 4s. registration fee had been received from registered students, who since registration had decided not to proceed with pharmacy. The Council adopted the Committee's recommendation that the fee should be returned in each case. The Council—on the motion of Mr. McIlhagger, seconded by Mr. Gibson-also approved a Finance Committee recommendation on the supply of copies of the Register. THE Secretary reported that at the annual meeting it had been suggested that copies of the Register should be made available to every member of the Society. The Finance Committee recommended that the Register should be made available to members at a nominal charge of one shilling and that the charges to firms and other bodies should be increased from 5s. to 7s. 6d. and that 250 copies of the Register should be printed instead of 190 as at the moment.

Committees Appointed

On the proposition of Mr. EWART, seconded by Mr. McGregor, the following Committees were appointed:—
Education: Mr. Hall (chairman), Dr. R. G. R. Bacon, Messrs. McIlhagger, Gamble, Irwin, H. G. Campbell and Boyd. Ethical: Mr. Moss (chairman), Professor Mayrs, Messrs. Ewart, Gamble, Irwin, Templeton, Thornton. Finance: Mr. Caldwell (chairman), Messrs. F. R. Moore, Gibson, Irwin, McGregor, Hall, Templeton. House: Mr. Gibson (chairman), Dr. Bacon, Messrs. S. E. Campbell, Irwin, McGregor, H. F. Moore, Shinner. Law: Mr. McIlhagger (chairman), Professor Mayrs, Messrs. Boyd, H. G. Campbell, Irwin, Kerr, Moss.

On the motion of Mr. H. F. Moore, seconded by Mr. McGregor, it was agreed to appoint Messrs. Robert Walsh & Sons as auditors, and on the motion of Mr. Gamble, seconded by Mr. Boyd, Mr. Brian Rankin was appointed solicitor. Mr. Boyd moved a vote of thanks to the outgoing

president (Mr. Campbell). He said Mr. Campbell had been most enthusiastic in his work for the welfare of the Society and he proposed that his name should be placed on record. MR. GAMBLE seconded, and after MR. QUINN had associated himself with the remarks, MR. CAMPBEL replied in suitable terms. It was also agreed on the suggestion of MR. SHINNER to forward the Council's thanks to Mr. Cousley for his work on the Council's behalf.

Arising out of the discussion at the annual meeting (see C. & D., October 20, p. 435), Mr. Gorman stated that the question of issuing a calendar had been referred to, and it was agreed on the suggestion of MR. EWART that the matter should be referred to the Law Committee for report. Mr. GORMAN said that an undertaking had also been given that the Council would look into the question of providing courses on truss fitting, and on the motion of Mr. GAMBLE, seconded by Mr. THORNTON, the matter was referred to the Local Pharmaceutical Committee with an appropriate recommendation from the Council that it thought that such courses should be organised. The Council agreed to the appointment of a subcommittee consisting of the president and Messrs. Gamble, McIlhagger and Gorman to consider guests to be invited by the Society to the Benevolent Fund dance on November 13. Mr. Moss raised the question of the acoustics of the lecture hall and said that at the annual meeting some members at the rear of the hall had complained that they were unable to hear the speakers. He suggested that the Council might consider the installation of an amplifying system. The matter was referred to the House Committee on the motion of Mr. THORNTON, seconded by Mr. HALL.

Examiners' Report

In the report on the Final Part II June examinations, the Board of Examiners reported that in pharmaceutics and forensic pharmacy the theory paper was reasonably well done, forty candidates obtaining a pass mark. Of the thirtytwo candidates who failed in the theoretical section, seven failures were due solely to the dose question. There was a widespread ignorance of the new preparations of insulin. A higher proportion of candidates failed in the practical examination, thirty-three passing and thirty-nine failing. The standard of practical work was in some cases deplorable. The Examiners commented that candidates should make greater use of the reference books provided and not rely on memory, particularly in reference to the labelling of injections, the details of sterilisation processes and the use of bactericides and bacteriostatic substances in injections. Dealing with forensic pharmacy, the Examiners reported that thirty-four candidates obtained pass marks and thirty-nine failed. The chief failing was a lack of accurate expression. For example, in writing specimen labels many candidates correctly inserted the name and address of the seller on some and then omitted it from others. On pharmacognosy, the Board reported that while it was gratifying to report that a few candidates attained a good standard in both theory and practical examinations, it was necessary to point out that there were too many candidates who just reached the pass standard. It also appeared that quite a number of candidates presented themselves for the examination with quite insufficient preparation. Candidates were advised that more attention should be paid to clean, tidy drawings, detailing the diagnostic characters more accurately. In the written paper the significance of pharmacopæial requirements was not appreciated. The work in the practical examination suffered because of the inability of the candidates to make accurate drawings. The microscopical preparations to enable a study to be made of the epidermal trichomes were badly prepared and candidates should take greater care in the clearing of the specimen and in making clean mounts. Referring to chemistry, the Board stated that candidates who had passed the Final Part I with difficulty were found to be still struggling with the applied subjects. Those candidates could be divided into two classes — those who obviously understood and appreciated the subject and those whose

ideas were indefinite and who looked upon chemistry as a necessary evil to be learned for examination purposes only. Practical work was of a reasonable standard. Arithmetical errors occurred too frequently.

Reporting on the Preliminary Scientific examinations, the Board stated that theory papers in chemistry showed a fair number of candidates with a good background of the subject. Others appeared to be struggling in an attempt to memorise isolated facts without real understanding and a few obviously required a further course of instruction, Too often, the report added, the writing of equations was avoided and candidates should recognise that where a chemical equation was omitted the assumption must be that the ability to write it was in doubt. Qualitative analysis continued to be treated as a mechanical procedure and in consequence a great deal of time was wasted. Some candidates were obviously still of the opinion that theoretical chemistry was only a distant relative of practical chemistry and that the two should be kept as far apart as possible. In the physics examination 75 per cent. of the candidates passed. Those results reflected the continuing rise in the general standard which was mainly due to the disappearance of repeat candidates of long standing. Commenting on zoology, the Examiners reported that out of seventy-seven candidates, ten failed. The standard of knowledge this year seemed to be a little better, although the phrasing of the answers and the spelling were as usual atrocious. In the practical examination, the actual dissections were not quite so good as previous years and the drawings of those could be improved. In botany the standard of answering of the candidates was similar to that shown in previous examinations. Little improvement had been detectable during the past few years. The necessity for careful reading and understanding of the questions before attempting to answer them could not be too strongly emphasised. "This would," the report commented, "greatly decrease the amount of irrelevancy which is such a marked feature of the majority of the answers.

Equipment for Laboratory

Speaking on the report, MR. McIlhagger suggested that the Education Committee might consider approaching the education authorities in Belfast to have some additional equipment installed in the laboratory. It was pleasing to note that there was an improvement in physics. He asked if the students were informed of the contents of the reports because he thought that it was important that they should be so informed. If they were not told they would not, he contended, be aware of where their weaknesses lay.

MR. GAMBLE said that he did not agree that the report was for the students. In the main it was for the benefit of the Council to see that the authorities supplied the proper equipment and that the students were being properly catered for. He suggested that they should follow up the report by informing the education authority that the Council was not satisfied with some of the equipment. MR. BOYD suggested that the new Education Committee might take the matter up with the head of the College of Technology and the teachers. On the motion of MR. MCILHAGGER, seconded by MR. MCGREGOR, it was decided that the Education Committee should meet representatives of the College to discuss the matter.

NEW FILMS AND FILMSTRIPS

Point of New Departure

FILM LIBRARY, I.C.I., LTD., Imperial Chemical House, Millbank, London, S.W.1. Catalogue No. G33. Running time thirty-five minutes. 16 mm. Colour.

THE film takes the form of a coloured visual lecture—in non-technical terms—on the evolution of man-made fibres. Some of the historic experiments carried out by pioneer workers in the field are demonstrated. The story is told by Mr. J. R. Whinfield, C.B.E., M.A., F.R.I.C., at one time associated with Mr. C. F. Cross, one of the inventors of viscose rayon and himself the discoverer of Terylene.

PHARMACEUTICAL SOCIETY OF IRELAND

Annual meeting

PHARMACEUTICAL education, the new Pharmacy Bill, new Poisons legislation, and the working of the Health Act were amongst matters dealt with by Mr. P. F. McGrath (president of the Pharmaceutical Society of Ireland) in his address to the Society's eighty-first annual meeting in Dublin on October 8.

Voting Figures

Presenting the report on the recent election to seven vacancies on the Council, THE REGISTRAR (Mr. James G. Coleman, B.L.) stated that 737 papers had been returned, of which five were rejected and five spoiled, giving a total valid poll of 728. The candidates with highest totals of votes were:

P. F. McGrath,	635,	M. L. CASHMAN,	511,
D. J. KENNELLY,	614,	(Miss) Laura Cu	NNIFFE,
M. Power,	556,		445,
G. C. O'NEILL,	552,	P. FULLAM,	367.

THE PRESIDENT declared those seven candidates duly elected.

THE PRESIDENT welcomed all members and licentiates present in a representative attendance, and particularly Mr. Fred Storey, Belfast, "one of our greatest friends from the North of Ireland." In a reference to a number of members of the Society who had passed away since the previous annual meeting, Mr. McGrath made special mention of the late Mr. T. C. Scott, who, he said, had not missed an annual meeting or a meeting of the Council for many years. His passing was a great loss to the Society and deprived many of them of a sincere friend. From that annual meeting they wished to express sympathy with Mr. Scott's family.

In his address as president Mr. McGrath said:—
"The event which received the greatest publicity during the year was the ninety-third meeting of the British Pharmaceutical Conference in Dublin. We are gratified that it was a successful Conference, and I am proud of the way in which pharmacists in every section of the profession worked to ensure its success. Naturally enough, the social functions attracted the greatest notice, but even more important was the success of the science sessions, and the value of the discussions which took place between pharmacists from many countries.

Pace of Educational Change

Those discussions prompt us to ask ourselves if our educational scheme is moving along the right lines, and if we are moving fast enough. I state without hesitation that we are more than ever convinced of the necessity for the changes made in recent years. Whilst we might wish to progress more rapidly we must bear in mind that we still have students who are not able to avail themselves fully of the courses taken by the "new" students. Major changes in the Society's educational programme became possible when the Society acquired its new headquarters building four years ago. For some years prior to 1952 modification of the syllabuses had been postponed until the programme recommended to the Council by a special committee could be carried out. Whilst it was relatively easy to provide a fulltime course for new students, care had to be taken that students already registered should not suffer any hardship. The scheme we evolved gave the pre-1952 student a reasonable time in which to finish lectures and qualify before July 1958. It has been observed in the past that any alteration in educational policy results in a temporary falling-off in numbers. That drop manifested itself after the introduction of the new regulations, but preliminary registrations now show a tendency to return to normal. Fifty-two students have commenced the science course this monthagainst thirty-three last year. An amendment in the preliminary regulations may help further. It has been decided this year to accept general science as a subject if students have taken that subject instead of physics and chemistry. Many educationists hold the view that general science is a better foundation than physics and chemistry for students who intend to follow medicine or pharmacy as a career.

October, too, sees the return to the College of the students who completed the science course three years ago. Those students will follow an advanced course, including pharmacy, aseptic dispensing, pharmacology and pharmacognosy, pharmaceutical chemistry, etc. Early this year it became apparent that extra facilities would be needed for the pharmacy course, and it was decided to go ahead with the building of a new laboratory, which will be ready for use next week. Some of the material used requires special storage facilities. At present we have an arrangement whereby we procure our supplies from the Universities; in the course of time we may decide to become self-sufficient in those supplies.

Post-graduate Courses

From education to post-graduate education is a logical step, and last winter post-graduate lectures were resumed. A new and energetic committee contributed to the undoubted success of the new courses, which attracted approximately 160 pharmacists. The committee was reconstituted this year to include some additional members, ensuring that every pharmaceutical interest is represented. The committee has already met and is planning a series of lectures for the coming months; I am confident that members and licentiates will find it profitable and interesting to support the courses. Post-graduate courses in the provinces present far greater difficulty, but the vice-president undertook to tackle the problem. He succeeded in arranging lectures in two centres in 1955, and it is hoped that difficulties such as distance and variable working hours can be overcome so as to bring those lectures to a wider circle of provincial pharmacists.

Poisons Law Propaganda

At the annual meeting in 1955 we discussed the appointment of a full-time inspector and liaison officer. Since then Mr. O'Briain has visited every pharmacy in the country and quite a number of ordinary traders. He found that a great number of non-pharmacist traders were genuinely ignorant of the conditions governing the sale of poisons, believing that a County Council licence permitted them to sell any scheduled poisons. Those traders were warned that they must discontinue the sale of scheduled poisons. Frequently they complained that the persons who sold them the poisons in the first instance had not told them that there were restrictions on their sale. The suppliers were persons who should know the Pharmacy and Poisons Acts. Some reports about sales of poisons by non-pharmacists were exaggerated. Mr. O'Briain visited a number of hospitals and brought to the notice of matrons or other responsible persons the need for greater care in the observance of regulations. I am pleased to say that those visits have produced satisfactory results. He also called on a number of doctors in connection with the Barbiturates Regulations—again with satisfactory results. Each report submitted to the Council shows that there was a need for the services of an official to discharge the duties that are being carried out so ably by Mr. O'Briain. Where he discovered cases of gross disregard for the poisons laws, Mr. O'Briain took action which has resulted in prosecutions, and he has been instructed to investigate a small number of pharmacies where there is doubt about the nature of the qualified supervision. Apart from what I may term the legal side of his work, Mr. O'Briain has done a

great deal of useful work as a liaison officer. Your Council has instructed him to be helpful at all times and—from what we have been told by members in different parts of the country-Mr. O'Briain has carried out his instructions very successfully.

Need for Ethical Propaganda

MR. J. BURKE said that "in this era of propaganda and advertising" there was need for more ethical propaganda to let the public know what they were entitled to from pharmacy. He joined in the sentiments expressed about the late Mr. Scott, who was the ideal man in pharmacy. He was a worker and a good friend, but above all had the qualities of a gentleman, and members were the poorer for his passing. When it came to filling the vacancy on the Council created by Mr. Scott's death he hoped they would give consideration to co-opting Mr. Moore as an earnest and consistent worker.

MR. JAMES J. COFFEY supported the view put forward by Mr. Burke, and urged the Council to co-opt Mr. Moore. He was an active member of the younger generation, and treasurer of the post-graduate course committee. Mr. Moore, like the late Mr. Scott, was a city pharmacist, and could therefore be fittingly co-opted to the Council to represent the same interests.

MR. M. F. WALSH thought that, with the coming of the new Pharmacy Act, they should call the college the National College of Pharmacy. It was time also that they had a new type of Licence certificate, which he suggested should be in either Irish or Latin. The policy of the Council should be to get full-time pharmacists appointed to the public dispensaries, as the present part-time system, he thought, was on the way out. There must be more openings for their Licentiates than "keeping open shop." As they had seen from the British Pharmaceutical Conference, education and ethics should rise higher and higher in the Republic of Ireland. The Conference had brought a greater awareness of the profession amongst the plain people of Ireland. He agreed with Mr. Burke that they should have more propaganda in the interests of pharmacy.

MISS L. CUNNIFFE, having thanked all those who voted for her in the Council election, asked what were they going to do about the people "who were bringing pharmacy down to the nire by supplying grocers with pharmacy lines, many of which contain poisons." In the country those lines were being taken out in vans, which were all over

the place. That was a scandal.

MR. D. W. P. BOYD congratulated the band of workers who had done such stupendous things for the Conference. Whilst it was good to see such support for the scientific sessions from Irish pharmacy, there was no cause for complacency. He would like to see facilities to enable Irish pharmacists to take a deeper interest in the scientific side of the profession. Something should be done to induce young men to come into the research end, so that Irish pharmacy could be put on the map. As chairman of the post-graduate course committee he could assure them that everything possible would be done to continue the success of those courses.

MR. DAVID MURPHY said mention had been made of abolishing the dispensary system. He represented the Association of Chemists holding those dispensary appointments, and he could tell the meeting that, so far, they had not been consulted on the matter. As persons appointed by the Local Appointments Commission they had certain legal rights, which they intended to defend. They would not give up such appointments lightly, and any attempt to do away with their legal rights without adequate compensation would be opposed.

MR. R. O'HIGGINS said it was not desirable to have more people entering pharmacy just now. The big question was what was to become of those students now in the College when they qualified. Pharmacy as it stood today was often reduced to cosmetics, jewellery and a few more things like

that—far removed from the profession. Until they saw they could absorb those at present training, they should control entrance to the profession.

MR. H. A. NAYLOR added his congratulations to the president and his colleagues for the great work they had done.

THE PRESIDENT said he had noted the points raised, all of which would be brought before the Council. He could assure Mr. Murphy that, if the Minister was going to wipe out the dispensaries, the first group to be consulted before they went to the Minister would be Mr. Murphy's group.

The president's report was unanimously adopted.

A Decrease in Income

MR. H. P. CORRIGAN, presenting his report as treasurer, said that income amounted to £6,296, a decrease of £2,110 on 1955-56. Subscriptions, at £3,352, showed an increase of £45; examination fees, at £1,603, were down by £418; the School surplus of £34 was down by £1,201. An adverse High Court decision was in his opinion responsible for a large drop in school attendances last autumn, but be believed that the subsequent favourable Supreme Court decision had helped to encourage students to consider pharmacy as a career this year. Registration fees, at £1,082, showed a decrease of £491 from the 1955 total; that was proportionate to the fall in examination candidates. Income from investments, at £183, was unchanged. Salaries and wages, at £2,121, showed a decrease of £52. Law expenses, at £779, showed an increase of £743, caused by the appointment of their new Inspector. General expenses, at £259, showed a reduction of £122. The sum of £783 had been written off as depreciation. The deficit for the year brought forward was £1,049. The capital account now stood at £31,836, after deducting the loss for the year. Investments stood at £6,330, and value of premises at £30,702.

MR. STOREY, moving adoption of the treasurer's report, said the balance sheet was sound despite a deficit, which he was sure was non-recurrent. The fact that subscriptions to the Society were voluntary meant there were many Licentiates getting the advantage of all the Society's work without any cost to themselves. In the North every Licentiate had to pay a retention fee to remain on the Register. They should think of a similar charge under the new Act. When Mr. Storey mentioned that he had been sixty years on the register he was cheered. Mr. NAYLOR, seconding,

endorsed Mr. Storey's suggestion.

THE PRESIDENT said that compulsory membership was part of the new Act. It was also proposed that the maximum fine of £5 which Justices imposed under the 1875 Act should be brought up to a maximum of £50.

The treasurer's report was unanimously adopted.

Presenting the statement of accounts for the Bencvolent Fund, Mr. Corrigan said that income showed an increase of £166 compared with the previous year. Grants paid for the year ended August 31, 1955, totalled £915, an increase of £505, equalling in amount the sums paid in the previous two and a half years. Of the £915, £350 had been paid to pharmacists afflicted with illness, and the balance to dependants of pharmacists. Subscriptions received amounted to £756, of which the major item was £595 received from the Benevolent Fund Dance Committee. Dividends and interest brought in £265. "I cannot," said Mr. Corrigan, "speak too highly of the work done by the Dance Committee. This Committee is the mainstay of the Fund and is doing a noble work. Our sincere thanks are also due to the Limerick Chemists' Association, the West of Ireland Chemists' Association, the Westmeath Chemists' Federation, and the Irish Chemists' Golfing Society for their efforts on behalf of the Fund. The regular individual subscriber is also performing a worthy deed. To all on behalf of the beneficiaries 1 say 'Thank you'." Investments at cost amounted to £7,251. The purchase in 1956 of £1,000 5 per cent. E.S.B. Stock and £1,000 Cork Corporation Redeemable Stock accounted for a £2,000 increase in investments.

(To be concluded)



the Ronson Electric Shaver this Christmas—so now's the time to lay in fresh stocks!

Tell your customers of Ronson's 14-day home trial scheme, and payment on deferred terms.

For you-Ronson offers new extended credit terms, which mean you have until January 1st to pay. Remember, people will want a choice of the three Shaver packs, so be prepared! See they're in your shop—and see how they pay off!

STOCK RONSON







Nature's defences...

...for animals The Armadillo, a harmless inoffensive mammal, has a full measure of Nature's most predictable defences. Foremost is the remarkable rapidity with which it can burrow into the ground; next comes the speed with which it runs, despite its short legs; third, are its acute senses of smell and hearing; and last but not least, comes its characteristic protective armour which proves a powerful defence when the Armadillo rolls up hedgehog fashion.

...for humans Nature also provides predictable defences for man. In one of these—TERRAMYCIN, a broad-spectrum antibiotic derived from a tiny wrinkled mould found in the soil—she has provided man's most predictable means of defence against microbial attack. Effective in more than 100 infections, TERRAMYCIN with its rapid anti-microbial action and fewer side effects ensures a more positive defence against more organisms than any other anti-infective agent.

TABLETS • ORAL SUSPENSION • PAEDIATRIC DROPS • TROCHES INTRAMUSCULAR INJECTION • INTRAVENOUS INJECTION • OINTMENT topical and ophthalmic • OTIC SOLUTION • NASAL SOLUTION TOPICAL POWDER • SOLUBLE TABLETS • VAGINAL TABLETS

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TERRAMYCIN* SF* (combined Terramycin and specific nutrients) is available to fortify the patient and, at the same time, to fight infection.



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TRADE REPORT

The prices given are those obtained by importers or manufacturers for bulk quantities or original packages. Various charges have to be added whereby values are in many instances augmented before wholesale dealers receive the goods into stock. Crude drugs and essential oils vary greatly in quality and higher prices are charged for selected qualities.

LONDON, OCTOBER 24: The most important feature of the week in the CHEMICAL market was a surprise reduction of 5s. per kilo in the price of crude Iodine. Apart from a cut of sixpence which occurred a few months ago, the price has remained unchanged since November 1954. Stocks of IODIDES in the hands of manufacturers and wholesalers are believed to be fairly heavy at the moment.

Among CRUDE DRUGS, Portuguese ERGOT was easier for shipment and on the spot. A small quantity of HYDRAS-TIS was on offer again with 28s. per lb. asked. Cassia Bark advanced another 5s. per cwt., while Mombasa CHILLIES fell by 10s. Pepper continued to ease but NUTMEGS were sharply advanced under the influence of United States buying, CASCARA SAGRADA was 5s. per cwt, dearer for shipment.

In the ESSENTIAL OILS market price changes were mainly in a downward direction, the main exceptions being in the shipment rates for PATCHOULI (up one shilling per 1b.) and Californian ORANGE, cold pressed (up 3s. 10d.). Lower per lb. on the spot were Bourbon GERANIUM (by 5s.); PALMAROSA (3s. 6d.); Cassia and Lemongrass (threepence).

Pharmaceutical Chemicals

AMMONIUM ACETATE. - 1-cwt. lots of B.P.C. are quoted at 3s. 9d. per lb.

AMMONIUM BICARBONATE. — The B.P. powder is £50 5s. per ton; CARBONATE is £81 10s. for lump and £85 10s. for powder, all delivered terms.

Borax.—Prices for B.P. grade for quantities of 1 ton and upwards, are as follows:—Granular, £51; crystals, £53 10s.; powder, £54 10s.; extra fine powder, £55 10s. per ton. Prices of commercial range from £41 to £46 10s. per ton, as to the and packing. type and packing. Dehydrated borax is £62 10s. per ton in paper-lined hessian bags or £61 10s. in paper bags; carriage paid in Great Britain. Usual surcharges for smaller quantities.

Boric Acid. — Prices for B.P. grade in quantities of 1 ton and upwards are as follows: Granular, £84; crystal, £91; powder, £88 10s.; extra-fine powder, £90 10s, per ton, in 1-cwt. lined hessian bags carriage paid in Great Britain. Surcharges for smaller quantities: Less than 1 ton but not less than 5 cwt., 1s. per cwt., 3 cwt., 2s.; 1 cwt., 3s.

CALCIUM SUCCINATE. — Quotations are from 10s. 6d. to 12s. 6d. per lb., as to quantity. Succinic acid is from 10s. 6d. quantity. Succini to 12s. 3d. per lb.

CARBROMAL. — B.P.C. is 21s. per lb. delivered in returnable packing.

CHALK.—Prepared powder, B.P., is £22 per ton for minimum 1-ton lots ex makers'

Chloroxylenol.—B.P. quality is 5s. 9d. er lb. for 1-cwt. lots, and 5s. 7d. for 10-cwt.

CITRIC ACID.—Quotations (per cwt.) for omestic material are 205s. for 1—4-cwt. domestic material are 205s. fo lots and 200s. for 5-cwt. lots.

CREOSOTE.—B.P. quality ex beechwood, is from 6s. 9d. to 7s. 6d. per lb.

EPHEDRINE.—In 100-oz lots alkaloid is nominally 7s. per oz.; HYDROCHLORIDE and SULPHATE, 4s. 3d. per oz.

ERGOTOXINE ETHANESULPHONATE. - Price per gm. for B.P.C. (1949) is: 1 gm., 168s. 9d.; 10 gm., 155s. 3d.

ETHER.—Prices (per lb.) in winchesters are as follows:— TECHNICAL, B.S.S., and

SOLVENT, 5-cwt., 2s. 5d.; 10-cwt., 2s. 4d. ANÆSTHETIC, B.P., 5-cwt., 3s. 10d.; 10-cwt., 3s. 9d. In drums prices are 4d. per lb. less than above.

FERROUS GLUCONATE.—B.P.C. is 6s. 6d. per lb. in 1-cwt. lots.

FORMALDEHYDE. — B.P. solution in 1-4 drum lots is £39 15s, per ton; 5 drum lots are £38 15s, per ton, all including free drums.

HEXAMINE.—B.P. is 1s. 11½d. per lb. for 1-ton lots, delivered in 1-cwt. kegs (1s. 11d, in paper bags). Technical is threepence per lb. under those rates.

HYDRAZINE HYDRATE. — Price per ton is £153 for the 10 per cent. (w/v) solution and £33 for the $2\frac{1}{2}$ per cent.

HYDROCYANIC ACID. — Dilute B.P.C. is from 1s. 5d. to 2s. per lb., as to quantity; Scheeles is from 1s. 9d. to 2s. 4d.

HYDROQUINONE.—Quotations for 1-cwt. lots are 10s, 6d, per lb. For smaller quantities, viz., 28-lb., 10s. 9d.; 14-lb., 11s. 6d.; 7-lb., 12s.

IODINE.—Crude is reduced. Minimum rate is now 17s. 4d. per kilo.

Magnesium hydroxide.—Makers' prices for B.P.C. are, 1-cwt. lots, 3s, 5d, per lb. and 1-ton, 3s, 2d, per lb.

METHOIN.—B.P. is about 120s, per lb. METHYL SALICYLATE. — In 5-cwt. lots price is 3s. 1½d. per lb.; 1-cwt., 3s. 2d.; 56-lb., 3s. 2½d.

PARAFFINS.—Prices to wholesale distributors are:— Liquid: HEAVY, B.P. £103 2s, 6d, per ton; LIGHT, B.P., £83; Technical White oils, £72 15s. for the LIGHT and £86 5s, for the MEDIUM, all in 10,50 coll. Technical learned drums. 40-50 gall, returnable loaned drums, delivered U.K. Soft: White, medium consistency is now £104 7s. 6d. per ton, White, soft consistency, £102 2s. 6d. and Yellow, £82 2s. 6d. all B.P., in non-returnable drums delivered. Hard: Melting point 135/140° F., is £82 12s. 6d. and 145/150° F., £88 12s. 6d. per ton.

PHYSOSTIGMINE.—Current rates per oz. are:—SALICYLATE, 1-oz., 282s.; 4-oz., 276s. SULPHATE, 358s. and 352s. ALKALOID, 414s. and 408s., respectively.

POTASSIUM NITRATE. — Pharmacopæial quality is 145s, per cwt. (crystal, granular or powder) and commercial, 90s.

POTASSIUM PERMANGANATE. — Rate for B.P. material for 1-cwt, lots is 1s. 9d. per lb., and for technical, 183s. 6d. per cwt.

Pyrogallic Acid. — Pure crystals are 18s, per lb, in 1-cwt. lots.

RESERPINE. — Price is from 50s. per gm. for domestic material.

SALOL.—Quotations for B.P.C. are about 9s. per lb. for 1-cwt. lots.

SEMICARBAZIDE HYDROCHLORIDE.—Technical grade is 19s. per lb. for 1-cwt. lots.

SODIUM ACETATE.—B.P.C. in 28-lb. lots is 1s. 9d. per lb.; 1-cwt., 1s. 7d. per lb. SODIUM CHLORIDE. — Re-crystallised is 30s. per cwt.

SODIUM METABISULPHITE. — Granular in 1-ton lots is from £46 2s. 6d. to £50 7s. 6d. per ton according to packing.

SODIUM PERCARBONATE. — Prices (per cwt.) about 166s, 9d. (bags, 7s, 6d. lower) for minimum 12½ per cent. available oxygen.

SODIUM PHOSPHATE. — B.P. powder is 125s, per cwt.

SODIUM THIOSULPHATE.—Makers' price for 1-ton lots in paper-lined bags is £33 15s. per ton.

TARTARIC ACID. — Rates for the home trade are as follows:—10-cwt. lots, 270s. per cwt.: 5-9-cwt., 272s.; 2-4-cwt., 274s.; 1-cwt., 275s.

TEREBENE. — For 1-carboy lots, 4s. 2d. per lb. is asked. In winchesters, prices are from 4s. 3½d. to 5s. 2d. per lb.

THYMOL. — In 7-lb. lots the price is 15s. 9d. per lb.; 28 lb., 14s. 6d.

Industrial Chemicals

ACETALDEHYDE.—The 100 per cent. is £142 per ton.

ACETATES.—Prices (per cwt.) for drum lots are as follows:—AMYL (technical), 250s, and B.S.S. 252s, BUTYL (B.S. 551: 1950), 171s,; ETHYL (B.S. 553: 1950), 141s.; ISOPROPYL, 140s.

ACETONE.—Drum lots are quoted at £90 per ton.

BENZOLE. — Thiophene-free is from 9s. 0½d. per gall. for one 50-gall, barrel and pure, 6s. 0½d. per gall. for similar

N-BUTYL ALCOHOL.—2-ton lots are quoted at £159 per ton and one-drum lots at £163 per ton. Secondary is £135 and £139. All in one delivery.

CARBON TETRACHLORIDE, B.P.—1-2 carboy lots are £124 per ton. Technical, in 40-gall, drums, in less than 1-ton lots, is £81 per ton; 1 ton and under 2 tons, £79 10s.; 2 tons and under 4 tons, £79; 4 tons and upwards, £78.

DIMETHYL ACETATE. - Drum lots are quoted at 163s. per cwt.

ISOPROPYL ALCOHOL.—Standard grade is £80 10s. per ton (5s. $7\frac{1}{4}$ d, per gall.) in 10-ton lots. Essence grade is from 16s. 3d. to 19s. per gall., as to quantity.

METHYL ETHYL KETONE. — One-ton lots are quoted at £135 per ton.

METHYL ISOBUTYL CARBINOL.—Minimum price (10-ton lots in one delivery) is £135 per ton.

METHYL ISOBUTYL KETONE, — One-ton lots are £161 per ton with usual differentials for smaller quantities,

NAPHTHALENE. — Home market prices (per ton for 4-ton lots at one time) are as follows:— CRUDE WHIZZED. C.D. 74-77-5° C.. £25 7s. 6d. to £30 17s. 6d., according to the crystallising point. ex works: HOT-PRESSED, minimum c.p. 77-6° C.. £42 ex makers' works; CRYSTALS from £61 7s. 6d, to £63 17s. 6d., delivered; BALL and FLAKE, £69 17s. 6d. to £72 8s. 6d. delivered. The approximate export prices (f.o.b.) for 25-ton lots are from £37 to £41 for the crude whizzed; £45 to £47 for hot-pressed, while crystals are £67 10s. and ball and flake both £76 per ton, including bags. Naphthalene. — Home market prices cluding bags.

PHTHALATES.—Prices (per lb.) for drum DIBUTYL, 2s. 1½d.; DI-ISOBUTYL, 1s. 11d.; DIETHYL (normal grade), 2s. 1d.; (perfumery grade), 2s. 6½d.; DIMETHYL. 1s. 10³/₄d.

STEARATES.-Prices for minimum 1-ton ots are now as follows:—Alluminium 1-ton lots are now as follows:—Alluminium (all grades), 250s 6d. per cwt.; Calcium (precipitated), 228s. 10d.; Lead (30 per cent.) 232s. 6d.; Magnesium (standard), 262s. and (superfine), 292s.; Zinc, B.P., 283s.

TITANIUM DIOXIDE. — Anatase is £154 per ton and rutile from £164 to £172 as to grade.

Crude Drugs

ANISEED (STAR).—Chinese is 125s. per cwt., c.i.f., for shipment. Spot supplies are tight with 160s, asked.

Antimony. — English 99.6 per cent. is £222 10s.; 99 per cent., £210 per ton.

BALSAMS.—Quotations (per lb.) are:—CANADA: Spot nominally 30s. COPAIBA, 7s. 9d. to 11s., duty paid. PERU, 10s., duty paid. TOLU (genuine as imported) is 27s. 6d. nominal; B.P. is 17s. 6d., spot. BELLADONNA.—Herb is 2s. 6d. per lb. on the spot and from 1s. 4d., c.i.f. Root, 1s. 10d.

1s. 10d.

BENZOIN.—Sumatra block on the spot is from £25 to £30 per cwt. No. 1 for shipment is £23 5s., c.i.f. Almonds, 15s. per

Buchu.—Spot supplies are about 7s. 3d. 7s. 6d. per lb.

Camphor. — B.P. powder is from 5s. 3d. per lb., duty paid. Tablets, $\frac{1}{4}$ -oz. are 5s. 10d., c.i.f., and 6s. $4\frac{1}{2}$ d., spot.

Cascarilla. — Spot market bare. New crop, February-March 1957, 2s. 2d. per

CASCARA SAGRADA. — Firm. American peel is 325s. per cwt., duty paid, and 295s., c.i.f.

CASSIA BARK.—Dearer. Whole on the spot is now 97s. 6d. per cwt., in bond, with forward offers unobtainable. Broken, 82s. 6d., in bond, and 65s., c.i.f., nominal.

CHERRY BARK. — Thin natural is from 1s. $7\frac{1}{2}d$. per lb., duty paid, and rossed, 2s., on the spot.

CHILLIES.—Mombasa on the spot are 255s. per cwt.

CINCHONA.—Parcels of druggists' bark are available from 1s, 3½d, to 1s, 5d, per lb., according to total alkaloid content varying from 6.51 to 7.23 per cent.

CINNAMON.—Ceylon for shipment (c.i.f.) per lb., OOOO, 7s. 6d.; OOO, 7s. 4d.; OO, 7s. 2d.; O, 7s.; firsts, 6s. 5½d.; quillings, 4s. 3½d.; chips, 10¾d. to 11¾d.

CLOVES.—Zanzibar on the spot are now quoted at 3s. 7d. per lb.; prompt shipment, 3s. $2\frac{3}{4}d$., c.i.f. Madagascar, 3s. 2d.,

COCHINEAL. — Black-brilliant is 26s, 6d, er lb, on the spot; grey-black, 17s, 6d. per lb. on the spot; grey-black, 17s. 6d. Peruvian silver-grey, 13s. 9d., landed terms. COCILLANA.—Bark is 2s, 3d, per lb. on

the spot. COLOCYNTH PULP. - Spot offers are

4s. 6d. per lb., duty paid.

DIGITALIS LEAF.—Purpurea is offered at 1s. 3d. per lb., c.i.f.

ERGOT.—Portuguese is 6s. 6d. per lb., c.i.f., for prompt shipment and 7s. 6d., spot; East European, 4s.; Hungarian 8s. 6d.; American 6s., all spot.

GALANGAL. — No. 1 root is quoted at 52s. 6d. per cwt., c.i.f.

GENTIAN. — French is 175s. per cwt., on the spot.

Gum acacia. — Kordofan cleaned sorts on the spot are 141s. per cwt.; afloat, 128s. 6d., c.i.f., and shipment, 125s., c.i.f.

HENNA.—Indian is from 80s. per cwt. on the spot; Egyptian, 70s.

HONEY. — Australian light-amber is 147s. 6d. and medium-amber, 142s, 6d.; Argentine, 145s.; Jamaican, 147s. 6d. to 152s. 6d., all per cwt., on the spot.

HYDRASTIS.—Spot root now offering at 28s, per lb., with shipment at 26s., c.i.f.

LIQUORICE. — Natural root: Offers of Persian are 40s.; Anatolian, 47s. 6d. and Russian. 55s. per cwt. Block juice: Anatolian, 200s. per cwt.; Chinese and British, on the spot. Italian stick from 310s. to 476s, per cwt.

LOBELIA HERB. — Spot: American material is 11s. per lb., and Continental,

MENTHOL. — Chinese is 49s. 6d. per lb., duty paid. October-November shipment, 44s. 9d., c.i.f. Brazilian, spot. 45s.. duty paid.

NUTMEGS.—Dearer. West Indian 80's are not quoted; unassorted, 7s. 6d. per lb.; wormy and broken, 6s.

PEPPER.—White Sarawak is 2s. 3½d, per lb. on the spot, with October shipment about 2s, 2d., c.i.f. Black Sarawak is offering on the spot at 1s. 8½d, per lb.; afloat, 1s. 7½d., c.i.f. Black Malabar, 300s. per cwt. on the spot; October shipment, 232s. 6d., c.i.f.

Peppermint leaves. — Dutch for shipment are offered from 3s. 4d. to 4s. per

PIMENTO. — Spot is 5 forward at 540s., f.o.b. Spot is 590s, per cwt. with

Podophyllum. — *Emodi* is quoted at 45s. per cwt. ex wharf, *Peltatum*, 145s. per cw 475s., landed.

RAUWOLFIA. — Serpentina is offered from 4s. 3d. to 4s. 9d., landed terms, as to origin. Vomitoria is 2s. 6d., landed.

RHUBARB.—Quotations for Chinese are from 6s. 6d. to 10s. 3d. per lb., as to quality.

SAFFRON.-Mancha superior is 280s. per lb, on the spot.

SARSAPARILLA.-Jamaican native red on the spot is 3s. per lb., and for shipment, 2s. 8d., c.i.f.

Sassafras.—Selected bark is 5s. per 1b. on the spot.

on the spot.

SEEDS. — (Per cwt.). Anise.—Tunisian, 210s., in bond; Spanish, 252s. 6d., duty paid. Caraway.—Dutch continue firm at 155s., duty paid. Celery.—Indian in short supply on spot with 175s. quoted; shipment is 135s., c.i.f. Coriander.—Firm, spot, Moroccan, 95s., nominal; Rumanian now due sold at 75s., duty paid. CUMIN.—Market remains steady. spot, Cyprian, 130s.; Iranian, 125s., duty paid. DILL.—Indian is 65s., on spot and for shipment 50s., c.i.f. Fennel.—Indian, 95s. spot; shipment is 87s. 6d., c.i.f. Fenugreek.—Spot: Indian, 70s.; Moroccan, 67s. 6d., duty paid. Mustard.—English, 57s. 6d. to 75s. according to quality. quality.

SHELLAC. — F.O.T.N., 335s, per cwt.; F.O. No. 1, 340s.; fine orange, 350s. to

SQUILL.--White is offered on the spot at 57s. to 62s. 6d.

STRAMONIUM.—Indian LEAVES are 70s. per cwt., and European 80s. on the spot. STROPHANTHUS.—Kombé on the spot is 6s. 9d. per lb. for the 100 per cent.; Gratus is 12s. Both nominal.

Tonquin Beans. — Para frosted are cleared on the spot but Trinidad are offered at 8s. per lb.

Tragacanth.—No. 1 ribbon is £1 £180 per cwt.; No. 2, £145 to £150,

TURMERIC.-Madras finger on the spot is 82s, 6d. per cwt, with prompt shipment quoted at 70s., c.i.f. New-crop, March-April, 1957, 61s., c.i.f.

Valerian root.—Indian on the spot is 140s, per cwt. Dutch, 182s., c.i.f.

Vanillin.—Rates (per lb.) are now: 5-cwt. lots, 27s, 6d.; 1-cwt., 27s, 9d 56-lb., 28s.; smaller quantities, 28s. 3d.

56-lb., 28s.; smaller quantities, 28s. 3d.

Waxes. — (Per cwt.). BEES'. — Dar-esSalaam, October shipment, 580s., c.i.f.,
spot. 625s.; Sudanese. 600s. duty paid and
535s., c.i.f. Abyssinian, spot, 600s., duty
paid, afloat, 527s. 6d., c.i.f. Candel,
spot is 550s. Cannauba.—Fatty grey, spot,
560s. per cwt.; for shipment, 545s., c.i.f.
Prime yellow, spot, 1,320s.; for OctoberNovember shipment, 1,150s., c.i.f.

Water hazer leaves — Spot supplies

are 2s. 3d. per lb.; prompt shipment, 2s. 1d., c.i.f. WITCH HAZEL LEAVES. — Spot supplies

Essential and Expressed Oils

ALMOND.—B.P. imported oil is 11s. per lb.; British, 13s. to 13s. 6d.

CARDAMOM. - Price per lb. is from 350s, for English-distilled and from 265s, to 295s, for imported.

CASSIA. — Original drums are about 13s. 3d. per lb. on the spot. Shipment, 13s., c.i.f.

CITRONELLA.—Ceylon, spot, 6s, 9d, per lb., afloat, 6s. 3d, per lb.; forward shipment, 5s. 9d., c.i.f. Formosan for shipment is from 7s. 6d, to 8s. for afloat,

CLOVE.—Madagascar leaf is 8s. 10d. per lb., duty paid and 7s. 6d., c.i.f., for shipment. Rectified B.P., 17s. 6d.; 87-88 per cent., 12s. Distilled bud oil, English, 32s. 6d. to 35s.

DILL. — B.P. English-distilled oil is quoted at 60s. per lb. Imported oils are from 35s. 6d. per lb.

GERANIUM.—Bourbon is from 97s. 6d. per lb. on the spot and Algerian, 77s. 6d.

GRAPEFRUIT. - Jamaican is 15s. per lb.; South African, 12s.

LAVANDIN.—Spot is from 12s. to 15s. per lb. as to quality, for original drums.

LAVENDER. — French shippers asking from 80s. to 120s. per lb. for best newcrop oil.

LEMONGRASS. - Spot is 11s. to 11s. 3d. per lb.; shipment, 10s., c.i.f.

ORANGE.-Spot quotations of sweet oil ORANGE.—Spot quotations of sweet off include Floridan at 3s. 11d. per lb.; Californian, 5s. 6d.; West Indian, 7s. 6d.; South African, 7s. 6d. For shipment, proprietary brand Californian sweet is 6s. 1d., c.i.f., and cold-pressed, U.S.P., 13s. 2d., c.i.f. Terpeneless is 200s. per lb., spot; and bitter, 20s. per lb.

OTTO OF ROSE, - Turkish is £250 per

PALMAROSA.—East Indian, 52s. 6d. spot; 46s., c.i.f.; Formosan, 40s. PATCHOULI. — Penang is 33s., duty

paid, and 28s. 6d., c.i.f.

PEPPERMINT.—Arvensis: Chinese is 3ls per lb, on the spot and 28s. 9d., c.i.f Brazilian, 23s., spot, and 22s., c.i.f. For mosan, 19s. 3d., c.i.f.; spot, 20s. Italiar "Mitcham" type oil on the spot is 1576. (Advanced 20s.) 57s. 6d.; American, 38s.

PIMENTO. — English-distilled 185s. per lb.; imported, 73s. leaf, 27s. 6d. per lb. for small lots. Rectified

Rue. — Spot offers for small lots ar now 17s. 6d. per lb.

SANDALWOOD.—Mysore is 87s. 6d. pe lb. on the spot and East Indian, 83s. SASSAFRAS. - Brazilian is 4s, per lt

duty paid. Sicilian is from 38s. to TANGERINE. -

48s, per lb., on the spot. THYME.—Spot is from 9s. to 14s. p€ lb., according to content.

UNITED STATES REPORT

New York, October 23: A rise i THEOBROMINE SODIUM pushed the price to \$3.60 per lb. (up 3 cents). Higher per lb. among CRUE DRUGS was CASCARA SAGRADA, at 3 cents (up two cents) for the 1956 pee Demand for DIGITALIS LEAVES col tinued at \$1.20 per lb. in drums. Pridays larger to the price of the price o developments among spot ESSENTIA Oils centred on the mint oils. Value edged lower as ample supplies of ne crop material arrived, cutting SPEARMIN to \$4.35 (down 15 cents); and r distilled PEPPERMINT to \$5:20 (down cents). Higher per lb. were distille LIME at \$4.50 (up 70 cents), and CHEN PODIUM, \$3.90 (up 15 cents).

TRADE MARKS

APPLICATIONS ADVERTISED BEFORE REGISTRATION

From the "Trade Marks Journal," October 10

For fertilisers and manures, all made of fish or with a fish content (1)

VITOFISH, 748,555, by Vitax, Ltd., Ormskirk, Lancs.

For chemical compounds of sulphur for use in the compounding and vulcanising of natural or synthetic rubber (1)
THIOSAN, 752,828, by Monsanto Chemicals,

Ltd., London, S.W.1.

For chemical products used in agriculture and horticulture (1)

HEXAKOL, 754,448, HEXACOL, 754,450, by Boots Pure Drug Co., Ltd., Nottingham.

For chemical products used in industry, science and photography; adhesives for use in industry, chemical substances for preserving foodstuffs; and synthetic resins, etc. (1)

ROHATEX, 755,381, by Ro G.m.b.H., Darmstadt, Germany. by Rohm & Haas,

For phosphorus and phosphorus compounds for use in industry (1)

PHOSBRITE, 755,417, by Albright & Wilson, Ltd., London, W.1.

For chemical products used in industry and science (1)

OCTARO, 755,975, by Shell Petroleum Co., Ltd., London, E.C.3.

For detergents for use in industrial processes (1) FLANOLA, TEXSO, 756,223-24, by Industrial Soaps, Ltd., London, E.1.

For non-medicated toilet preparations, cosmetics,

perfumes and toilet soap, etc. (3)

ERMENE, 732,495, by Boots Pure Drug Co.
Ltd., Nottingham. CLEAR MAGIC, FRESH MAGIC, 754,419-20, by Crystal Products Co., Ltd., Surbiton, Surrey. FLORISSA, 755,206, by J. Floris, Ltd., London, S.W.1.

For artificial starch for laundry use (3)
Device of word POLYSTIF, 755,707, by Syn-

thetic Polymer Products, London, E.C.2.

For cleaning, polishing, scouring and abrasive

preparations (3)
PHOSBRITE, 755,418, by Albright & Wilson,
Ltd., London, W.1.

For infants' and invalids' foods (5)

Device, 747,000, by Kraft Foods Co., Chicago,

For pharmaceutical preparations for internal use and for use by injection (5)

MILLENIUM, 748,269, by Pretested Products, Ltd., London, E.C.2. For pharmaceutical preparations and substances

FIBRINDEX, 750,785, by Ortho Pharmaceutical Corporation, Raritan, New Jersey, U.S.A. TANCOLIN, 754,101, Ltd., Barnet, Herts. ZYLCOL, 12, Boots Pure Drug Co., Ltd., No. 756,099, by Jean TANCOLIN, 754,187, by S. Maw, Son & Sons, Ltd., Barnet, Herts. ZYLCOL, 756,294, by Boots Pure Drug Co., Ltd., Nottingham. Georges

For pharmaceutical preparations for veterinary use

VESADIN, 753,908, by May & Baker, Ltd., Dagenham, Essex.

For pharmaceutical preparations and substances

for human and veterinary use (5)
DELTACYL, 754,952, by Organon Laboratories, Ltd., London, W.C.2.

For slug killers, weed-killers, insecticides, fungicides, vermicides, bactericides, cryptogamicides and verminicides (5)

SHORDI, B752,284, by William Pearson, Ltd., London, S.W.1.

For all goods for sale in the United Kingdom, but not including sanitary clothing or medicated beverages flavoured with lemon (5)

FONDAL, 753,233, by Bayer Products, Ltd., Kingston-on-Thames, Surrey.

or dental preparations (5)

Gommes, London, E.C.

DUROTERM, 753,606, by Farbenfabriken Bayer, A.G., Leverkusen, Germany.

or all goods (5)

POLYBECTRIN, 754,212, by Calmic, Ltd., Crewe, Ches. PROLIVAX, 754,238, by the

Wellcome Foundation, Ltd., London, N.W.1. LIDOTHESIN, 755,249, by Willows Francis, Ltd., Epsom, Surrey. PAYNOCETT, 755,490, by C. L. Bencard, Ltd., London, N.W.10.

THE CHEMIST AND DRUGGIST

For pharmaceutical preparations for the treatment

of diabetes (5)
ORVALIN, 754,238, by the Wellcome Foundation, Ltd., London, N.W.1.

For insecticides and fungicides (5)

HEXAKOL, 754,449, HEXACOL, 754,451, by Boots Pure Drug Co., Ltd., Nottingham.

For pharmaceutical preparations for the treatment of obesity (5)

ATA, 755,187, by S.C.S. Pharmaceutical Laboratories (Pty.), Ltd., Johannesburg, South Africa.

For vaso-constrictors and decongestants, all being pharmaceutical preparations for human use (5) NEDRAN, 755,330, by Sterling Products International, Inc., New York, U.S.A.

For pharmaceutical preparations for the skin (5) PRODERMIDE, 756,101, by Jean Georges Gommes, London, E.C.

For photographic apparatus and instruments, etc.

VISTASCOPE, 746,423, by Vistascope Corporation, New York, U.S.A. Device of word MAG-NEMATIC, 755,168, by Frank William Claud Parkins, London, W.1.

For surgical instruments and apparatus not in-

cluding cutting or drilling instruments (10) MACROM, 751,356, by Macarthys (Wholesale Chemists), Ltd., Romford, Essex.

From the "Trade Marks Journal," October 17 For plastics in the form of powders, pastes, liquids, emulsions, dispersions and granulates and

for industrial use (1) RALSIN, 740,841, by Organico, Paris, France.

For fertilisers (1)

SOLITONE, 753,632, by Albrin Products, London, E.15.

For all goods but not including detergents or photographic paper or any goods of the same description (1)

ANTISOL, 755,636, by Jaap Van Den Bergh, London, E.C.4.

For chemical products for use in the detection

of surface blemishes, flaws or cracks (1)
BRITEMOR, 756,734, by Manchester Oil Refinery (Holdings), Ltd., Manchester.

For lilac perfumes and non-medicated toilet preparations and cosmetics perfumed with lilac perfume (3)

LILLA REINA, 743,381, by Cullingford of Chelsea, London, S.W.10.

For cleaning preparations (3)

SANITONE, 746,673, by Emery Industries, Inc., Cincinnati, Ohio, U.S.A.

For soap (3)

Device with words FLOTO THE SOAP THAT FLOATS, B751,806, by East Lancashire Soap Co., Ltd., Clayton-le-Moors, Lancs.

For perfumes, non-medicated toilet preparations, cosmetics, essential oils, hair lotions and dentifrices (3)

ULTRAZON, 751,871, by P. Beiersdorf & Co., A.G., Hamburg, Germany. Device with word LADLY, B753,703, by P. & C. Industry, Blan-tyre, Nyasaland. MORNING CANTER, 755,787, by Pinaud, Ltd., London, S.W.4.

For preparations for the hair (3)

KERITONOL, 753,054, by Callinan Giles & Co., Ltd., London, W.1.

For stain-removing products; preparations and substances for laundry use; and cleaning, polishing, scouring and abrasive preparations (3)

ASKITOFF, 755,082, by Wholesale Trading Supplies, London, S.E.1.

For all goods (3)

TASHAN, 756,083, by Roche Products, Ltd., Welwyn Garden City, Herts.

For pharmaceutical preparations for use in treating dermatophytosis and paronychia (5)
MONPHYTO, 746,739, by Laboratories for Ap-

plied Chemistry, Ltd., London, N.16. For pharmaceutical preparations in tablet and

powder form to aid digestion (5) DULCA, 756,667, by Andomia Products, Ltd., Bradford, Yorks.

COMING EVENTS

Items for inclusion under this heading should be sent in time to reach the Editor not later than first post on Wednesday of the week of Insertion.

Sunday, October 28

SOUTH LONDON AND SURREY PHARMACISTS GOLFING Society, Copthorne golf club, at 9 a.m. Final Sunday meeting of season.

Tuesday, October 30

NOTTINGHAM BRANCH, PHARMACEUTICAL SOCIETY, Reform Club, Victoria Street, Nottingham, at 7.30 p.m. Mr. C. F. Pitman (curator, Nottingham museum and art gallery) on "Masterpieces.

Wednesday, October 31

EXETER BRANCH, PHARMACEUTICAL SOCIETY, Countess Wear hotel, Exeter, at 7.30 p.m. Party.

HULL CHEMISTS' ASSOCIATION and BRANCHES of the Pharmaceutical Society and National Pharmaceutical Union, Imperial hotel, Hull, at 8 p.m. Mr. A. Aldington (chairman, N.P.U.) on "N.P.U. and Your Business Interests."

LIVERPOOL CHEMISTS' ASSOCIATION and BRANCH, Exchange hotel, Liverpool, at 7.30 p.m. Dr. A. M. Brunton (Pfizer, Ltd.), on "Steroids."

NATIONAL ASSOCIATION OF WOMEN PHARMACISTS, 17 Bloomsbury Square, London, W.C.1, at 7 p.m. Formation of London group; at 8 p.m., talk by Mrs. A. Sirkin (American Embassy).

STOCKPORT BRANCH, PHARMACEUTICAL SOCIETY, town hall, Stockport, at 7.30 p.m. Annual dinner and dance.

Thursday, November 1

CHEMICAL SOCIETY, chemistry department, University College, Gower Street, London, W.C.1, at 2.30 p.m. and 7.30 p.m. Symposium on "Newer Interpretations of Reactions and Structure in Carbohydrate Chemistry."

EAST KENT BRANCH, PHARMACEUTICAL SOCIETY, Falstaff hotel, Canterbury, at 8 p.m. Mr. H. E. Chapman (secretary, Proprietary Articles Trade Association) on "Restrictive Trade Practices Bill and the New Constitution of the P.A.T.A.

HARROGATE BRANCH, PHARMACEUTICAL SOCIETY, Blue Bird café, Harrogate, at 7.30 p.m. Talk by Mr. W. Haigh (clerk to the Joint Pricing Committee for England).

SHEFFIELD BRANCH, PHARMACEUTICAL SOCIETY, Royal Victoria hotel, Sheffield, at 7 p.m. Annual dinner and dance. Ticket, 27s. 6d., from Mr. S. Durham, 42 Fossdale Road, Sheffield, 7.

SOUTHERN AREA, INSTITUTE OF PACKAGING, 8 Hill Street, London, W.1, at 6.30 p.m. Discussion on "Containers in the Cosmetic Industry."

Western Pharmacists' Association and West London Branch, Pharmaceutical Society. Theatre visit followed by supper.

Friday, November 2

EXETER BRANCH, PHARMACEUTICAL SOCIETY, Rougement hotel, Exeter, at 7.30 p.m. Mr. J. C. Bloomfield (a member of the Society's Council) The Pharmaceutical Society and You."

LIVERPOOL SECTION, SOCIETY OF CHEMICAL IN-DUSTRY, Nicholson Theatre, Liverpool University, at 7.30 p.m. Professor T. K. Walker on "Synthesis of Fat by Micro-organisms.

LONDON SECTION, ROYAL INSTITUTE OF CHEMISTRY, St. Ermin's hotel, Caxton Street, London, S.W.1, at 7 p.m. Annual dinner and dance.

MERSEYSIDE BRANCH, NATIONAL ASSOCIATION OF WOMEN PHARMACISTS, Y.W.C.A. lounge, 18 Slater Street, Liverpool, at 7.15 p.m. Mr. C. F. Ross (Evans Medical Supplies, Ltd.), on "The Packaging of Medical Supplies for the Trans-Antarctic Expedition."

SOCIETY OF COSMETIC CHEMISTS, Royal Society of Arts, John Adam Street, London, W.C.2, at 7.30 p.m. Mr. T. W. Watson on "Silicones in the Cosmetic Industry."

OUTH-WEST LONDON CHEMISTS' ASSOCIATION, Lambeth town hall, London, S.W.2, at 8 p.m. Dr. J. J. F. Merry (Merck-Sharp & Dohme. Ltd.), on "Therapy with Cortisone." SOUTH-WEST LONDON CHEMISTS'

PRINT AND PUBLICITY

COMMERCIAL TELEVISION

PROGRAMME details are given to enable chemists to put in linking-up displays if they wish. Notice given is as far in advance of the programme date as can be guaranteed by the broadcasting companies.

November 4-10 ALL STATIONS

SUNDAY: Yardley's lipstick (between 7,30 and 10 p.m.); Coty 24 lipstick (between 8 and 9 p.m.); Colgate dental cream (between 8 and 10 p.m.); Palmolive soap (between 8 and 10 p.m.).

LONDON STATION

SUNDAY: Twink (between 7.55 and 10.5 p.m.). TUESDAY: Halo shampoo (between 7 and 7.25

WEDNESDAY: Silvikrin shampoo (between 9.35 and 10.35 p.m.); Yardley's lipstick (between 9.35 and 10.35 p.m.); Gibbs' S.R. tooth-paste (between 10 and 10.30 p.m.).

THURSDAY: Rayve (between 7.35 and 9.35 p.m.).

FRIDAY: Pacquins hand cream (between 9.35 and 10.35 p.m.); Knight's Castile soap (between 9.35 and 10.35 p.m.).

SATURDAY: Potter's catarrh pastilles (two appearances); Silvikrin shampoo.

Dally, Monday-Friday: Brylcreem (between 8 and 11 p.m.); Crookes' halibut oil capsules (between 7 and 7.25 p.m.).

BIRMINGHAM STATION

SUNDAY: Gibbs' dentifrice (between 5 and 6 p.m.); Knight's Castile soap (between 10 and 10,30 p.m.); Pacquins hand cream (between 4.30 and 5 p.m.); Rayve (between 8 and 10 p.m.).

MONDAY: Knight's Castile soap (between 7.30 and 8 p.m.); Rayve (between 8 and 9 p.m.).

TUESDAY: Gibbs' dentifrice (between 9.30 and 10 p.m.).

WEDNESDAY: Astral cream (between 8 and 10.30 p.m.); Gibbs' dentifrice (between 9 and 10 p.m.); Gibbs' S.R. tooth-paste (between 8 and 10 p.m.).

THURSDAY: Yardley's lipstick (between 7.30 and 8 p.m.); Astral cream (between 8 and 10.30 p.m.); Gibbs' dentifrice (between 8 and 9 p.m.).

ABBOTT LABORATORIES, LTD. (from Octo-

Erythrocin Filmtabs

FRIDAY: Loxene medicated shampoo (between 7.15 and 7.45 p.m.).

SATURDAY: Silvikrin shampoo: Pacquins hand cream (between 7 and 7.30 p.m.); Cussons' cold cream soap (at 10.45 p.m.).

Monday-Friday: Crookes' halibut capsules (between 5 and 6 p.m.); Monday-Thursday, Crookes' hand cream (at 10 p.m.).

NORTHERN STATION

SUNDAY: Pacquins hand cream (between 4.30 and 5 p.m.); Zoflora; Loxene medicated shampoo (between 7.30 and 8 p.m.); Twink (between 8 and 10 p.m.).

Monday: Amami wave-set (between 7 and 7.30 p.m.); Knight's Castile soap.

WEDNESDAY: Amami wave-set (between 7 and 11 p.m.); Twink (between 9.35 and 10.5 p.m.).

THURSDAY: Zoflora; Yardley's lipstick (between 7.25 and 9.35 p.m.); Knight's Castile soap (between 9.55 and 10.35 p.m.); Amami waveset (between 10 and 10.30 p.m.); Rayve; Twink (between 9.35 and 10.5 p.m.).

FRIDAY: Coty 24 lipstick (between 8 and 8.30 p.m.); Amami wave-set (between 7 and 11 p.m.).

SATURDAY: Yardley's lipstick (between 8,30 and 9 p.m.); Pacquins hand cream (between 7 and 7.30 p.m.); Cussons' cold cream soap (at 10.45 p.m.); Fennings' cooling powders, mother's book, rheumatic tablets (between 2.45 and 3.30 p.m., and 10.45 and 11 p.m.).

DAILY, Monday-Saturday: Silvikrin shampoo.

Press Advertising

AYRTON SAUNDERS & Co., LTD., Hanover Street, Liverpool: Tabasan. In Daily Mirror, Daily Express, Daily Mail, etc.

COTY (ENGLAND), LTD., 3 Stratford Place, London, W.1: Coty 24 lipstick. In *Daily Mirror* (November 11), *Daily Express* (November 16), *Daily Mail* (November 22), London *Evening Standard* (November 21). Coty perfumes and other beauty preparations. In women's leading journals, national and provincial Press (during November).



DOG-LOVERS' PROGRAMME: Members of the panel "Canine Quiz," an all-stations commercial television programme produced by the advisory service section of Spratt's Patent, Ltd.—the Earl of Northesk, Mr. H. S. Lloyd, question master Mr. Michael Flanders, Mr. George Sly and Mr. R. F. Wilkinson.

C. & D. WEEKLY LIST OF PRICES

A=Advanced; R=Reduced; I.R.P.=Inclusive Retail Price; 8 oz.

16 oz, 4 oz. 8 oz,

Pathone disinfectant

18 31 11

Erythrocin Filmtabs			I.R.P.				
100 mgm. 25			33 10 R				
	100			129 0 R			
	500			645 0 R			
200 mg	m. 25			63 0 R			
	100			244 0 R			
	500		1	.194 0 R			
250 mg	gm. 25			68 0 R			
	100			278 6 R			
	500		1	.390 0 R			
suspension	60 c.c.			20 0 R			
(Applications for cre	edit on st	ocks	held	at closing			
time on October 2	27 should	be	mad	le through			
suppliers.)							
JOHN BELL, HIL	LS & LU			TD. (from			
November 1)		Do					
Brontan suntan cre		11	3	2 6 A			
Triad cherry malt							
	1 ⋅lb.	30		3 6 A			
	2 lb.	54	9	6 3 A			
Collobell antiscptic							
mine lotion*	4 oz.	13	3	2 3 A 3 4 A			
	8 oz.	19	9	3 4 A			
calamine lotion with ich-							
thammol and ammoni-							
ated mcrcury*	4 oz.	22	0	3 7 A			
	8 oz.	37	3	6 0 A			
	16 oz.	69	0	11 2 A			
sunburn lotion*	3 oz.	11	9	1 11 A			
	6 oz.	17	9	3 0 A			
Eye lotion	8 oz.	13	0	2 2 A			
John Bell halibut-l							
with extract of m							
colloidal íron and			_				
	1 lb.	32	9	4 0 A			
	2 16.	62	1	7 6 A			
Magnesia cream	4 oz.	10	10	1 7 A 2 6 A 3 9 A 2 0 A			
	8 oz.	14	9	2 6 A			
70	16 oz.	23	3	3 9 A			
Paramag cream*	4 oz.	11	9	2 0 A			

0 UZ,	10	2				
16 oz.	28	0	3	6	A	
John Bell tooth powder*						
4 oz.	18	6	3	n	\boldsymbol{A}	
	33	ŏ	3 5 9	3	Â	
8 oz.			2			
16 oz.	60	0	9	6	\boldsymbol{A}	
T. J. BILSON & CO.	Ea	ch				
Bilson's laxative cleanser*	1	8	2	9	A	
Bilson's nerve food* 8 oz.	2	0	3	3	A	
Brison's herve rood o'c.	-	•				
ELI LILLY & CO., LTD.	(from	Oc	tobcr	29))	
Hotycin tablets						
100 mgm. 24			32	6	R	
100		•	129	0	R	
500			645	0	R	
200 mgm, 24			60	6	R	
100			244	ŏ	\hat{R}	
500			1.194	ŏ	R	
250 mgm. 12			34	0	R	
100			278		R	
500			1,390	0		
pædiatric 60 c.c.			20	0	R	
(Applications for credit on	stocks	hele	l at c	losi	ng	
time on October 27 should						
and should be made direct to the company within fourteen days, giving the name of the wholesaler						
				esa	ICI	
from whom the goods were	purcha	sed.)			

P.A.T.A. LIST

(Alterations notified this week by the Proprietary Articles Trade Association.)
THE BRITISH DRUG HOUSES, LTD.

Calsimil tablets	60	30	0	3 9	\boldsymbol{A}
FLOWERDELLS, LTD. Flowerdells' worm treatm					
	100	25 66	4	3 10	R

R.B.C. cream* Rybaferrin liquid* tablets* Rybaform*	8 oz. 75 4 oz.	22 22 22 20	6 6 0	3 3 3	41 41 0	

NEW PRODUCTS AND PACKS

4 oz. 8 oz.

1 oz.

40

10

RYBAR LABORATORIES, LTD.

C.T.A. germicide*

BEECHAM PHARMACEUTICALS, LTD.
Reecham's powders* 60 93 6 Beecham's powders* CARLTON LABORATORIES (SOUTHERN Each 3 3 13 6 Phyldrox tablets plain 50 enteric coated 40 0 suppositories THOS. CHRISTY & SONS, LTD. 16 6 Pantene large size E. K. COLE, LTD. Ekco baby bath stand E.G.H. LABORATORIES, LTD.
Parmacetyl tablets 12 2 1
(Basic N.H.S. price.)

JOHNSON & JOHNSON (GT. BRITAIN), LTD JOHNSON & JOHNSON S Johnson's Tender-Touch rissues 150 pulls 2 0 MAX FACTOR HOLLYWOOD AND LONDO! (SALES), LTD.

Banish lotion PARKE, DAVIS & CO., LTD. Acne bacillus vaccine

3 0 16 0

5 3

Mictine

The Effective Oral Diuretic

"Mictine" is indicated in the maintenance of an oedema-free state in any patient requiring diuretic therapy and the effecting of initial diuresis in all patients but those with severe congestive failure. For these purposes the dosage is one to four tablets daily in divided doses during meals on alternate days or on three successive days followed by four days without therapy. "Mictine" is not intended to produce initial diuresis in more severe congestive failure, however, "Mictine" may be given when other diuretics are contra-indicated, or if tolerance to them has developed.



HIGH WYCOMBE

With no

Known

Contra-indications,

"Mictine" is obtainable in bottles of 25, 100 and 500 tablets, each tablet containing 200 mg. aminometradine.

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Trade terms $33\frac{1}{3}\%$

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GUM KARAYA WHOLE AND POWDERED

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Steraid Gauze and Lints in the Hygienic and Self-delivery containers will again be on sale shortly.

These containers present many advantages to Doctors and others. Each Steraid Dressing is stored in the patent container and only the amount required for use is cut off, the rest being returned by rotating the container.

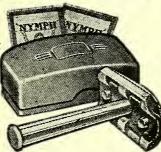
There is nothing else like it in the market. If you would like to know about this useful product please write.

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DYSART STREET. GREAT MOOR, STOCKPORT Phone: STEPPING HILL 3006/7 Gram: "UNDISPUTED" STOCKPORT

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Every woman is a possible buyer of this dainty toilet accessory. Reasonably priced at $3/7_{\frac{1}{2}}$ to ensure spontaneous purchase! Complete in moulded case with 2 blades, in PINK, BLUE, GREEN. "Nymph" Blades in cartons of 6 blades, 1/6.

Obtainable from your usual wholesaler.

PRECISION-MADE (SI)



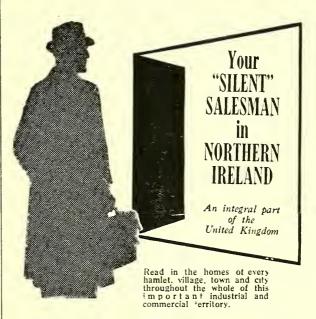
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The new remedy in iron therapy without side effects.

Recommended for tabletting or use in elixirs, etc.

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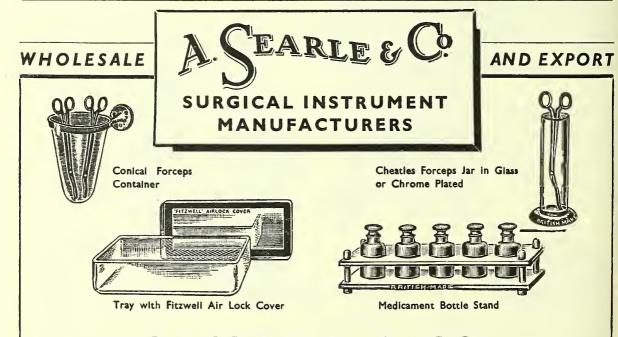
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Telegrams: KEMBALL, BOCHURCH, LONDON,



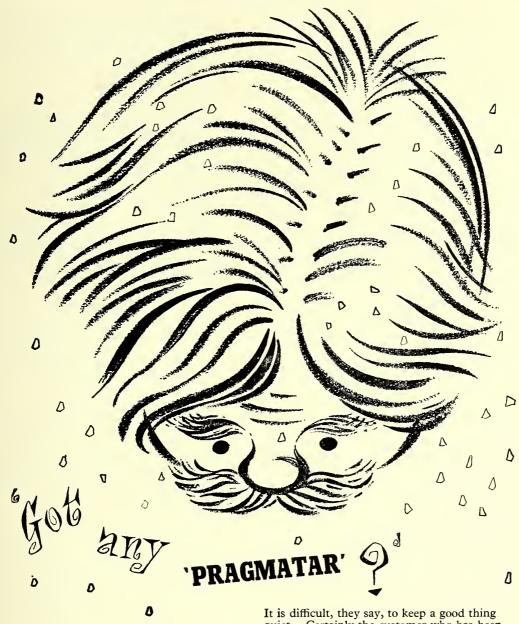
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SERLANCO HOUSE, 245 St. JOHN ST., CLERKENWELL, LONDON, E.C.I

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 It is difficult, they say, to keep a good thing quiet. Certainly the customer who has been freed from the embarrassment of untidy hair and 'snowy' shoulders at the recommendation of a pharmacist will lose no time in passing the word around.

For the successful treatment of mild dandruff 'Pragmatar' demands no more from the patient than a little extra trouble when he washes his hair. Widely used as a treatment for both dandruff and many other common skin disorders, 'Pragmatar' is a preparation you can recommend with confidence.

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AN PRODUCT

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MENLEY & JAMES, LIMITED, COLDHARBOUR LANE, LONDON S.E.5 Tel: BRixton 7851



in obstetric and gynæcological pharmaceuticals

Aci-jel For restoration and maintenance of normal vaginal acidity.

Bland, non-irritating highly buffered acid jelly for topical use in treatment of vaginitis.

Aci-jel: 85 gm. tube with or without applicator.

Triple Sulfa Cream

For bacterial vaginal infections.

Combines three sulphonamides with urea peroxide for more effective control of a wide variety of vaginal pathogens. Relieves symptoms promptly, eliminates malodorous discharge.

Triple Sulfa Cream: 80 gm. tube with or without applicator.

Dienoestrol Cream Vaginal oestrogen therapy for senile and atrophic vaginitis and postmenopausal pruritus vulvae. Contains 0.1 mg. of the synthetic oestrogen dienoestrol per gram of cream base. Dienoestrol Cream: 80 gm. tube with or without applicator.

Gentersal Cream An improved form of gentian violet therapy specifically designed for the treatment of vaginal candidiasis (moniliasis). An extremely effective fungicidal agent, free of irritation and with low staining properties.

Gentersal Cream: 60 gm. tube complete with 15 disposable applicators.

Massé Cream For prevention and treatment of cracked nipples.
Contains the safe, effective antiseptic 9-amino acridine and allantoin.
Dainty, aesthetic, emollient and healing. Does not interfere with nursing. Ideal for antepartum nipple conditioning and postpartum nipple care. Massé Cream: 28 gm. tube, individually boxed.

Hexital For relief of menopausal symptoms. Combines 3 mg. of the synthetic oestrogen hexoestrol with 20 mg. of phenobarbital.

Oestrogen effect plus mild sedation provide more complete control of menopausal symptoms. Hexital: Bottles of 100 and 500 tablets.

Nidoxital Controls nausea and vomiting of pregnancy with pyridoxine, dl-methionine, nicotinamide, benzocaine and pentobarbital. Effective relief in 24 to 72 hours in most cases. Nidoxital: Bottles of 12, 20 and 100 capsules.

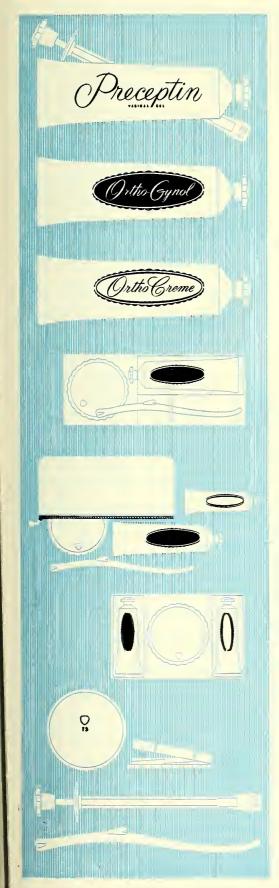
Rarical (Ferrous Calcium Citrate Tablets). Provide an improved source of iron and calcium for the anaemic, pregnant, aged or juvenile patient. Rarical: Bottles of 50, 100 and 1000 tablets.

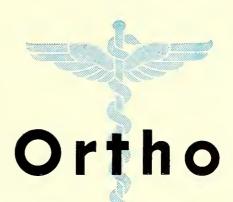
Nutri-Sal A Ringer-type/glucose douche designed to promote fertility in selected cases by virtue of its ability to enhance sperm survival and migration. Nutri-Sal: Packages of 3 vials, each sufficient for 1 pint douche solution.



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the ethical name in contraception

Preceptin Vaginal Gel Contraceptive gel for use without

a diaphragm.
Package A: 85 gm. tube, with Ortho Applicator

Package B: 85 gm. tube

Ortho-Gynol Contraceptive jelly.

Package A: 85 gm. tube, with Ortho Applicator

Package B: 85 gm. tube

Ortho Creme Contraceptive cream.

Package A: 75 gm. tube, with Ortho Applicator

Package B: 75 gm. tube

Ortho-Gynol Set Containing:

85 gm. tube of Ortho-Gynol

Ortho Diaphragm Introducer in sizes 55 to 95

(in 5mm. gradations)

Ortho Creme Set

As Ortho-Gynol Set with tube of Ortho Creme instead of Ortho-Gynol in sizes 55 to 95 (in 5 mm. gradations)

Ortho De Luxe Kit Containing full size Ortho-Gynol, trial size Ortho Creme, Ortho Diaphragm and Diaphragm Introducer in woven plastic zipper bag. Sizes 55 to 95 (in 5 mm. gradations)

Ortho Diaphragm Duo-Pack Containing:

Ortho Diaphragm in sizes 55 to 95 (in 5 mm. gradations) Trial size Ortho-Gynol Trial size Ortho Creme

Ortho Diaphragm

Coil spring, sizes 55 to 95 (in 5 mm. gradations)

Ortho Applicator

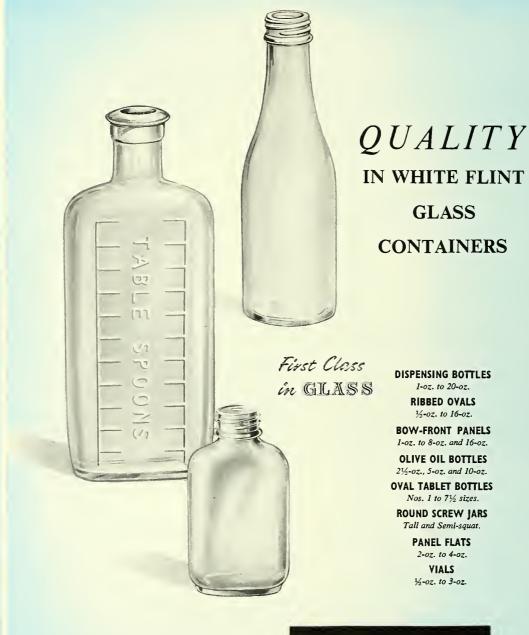
For vaginal application of measured dose (5 cc.) Ortho-Gynol, Ortho Creme or Preceptin Vaginal Gel

Ortho Diaphragm Introducer

Individual Introducers to accommodate diaphragms sizes 55 to 95 (in 5 mm. gradations)



Ortho Pharmaceutical Limited . High Wycombe . England



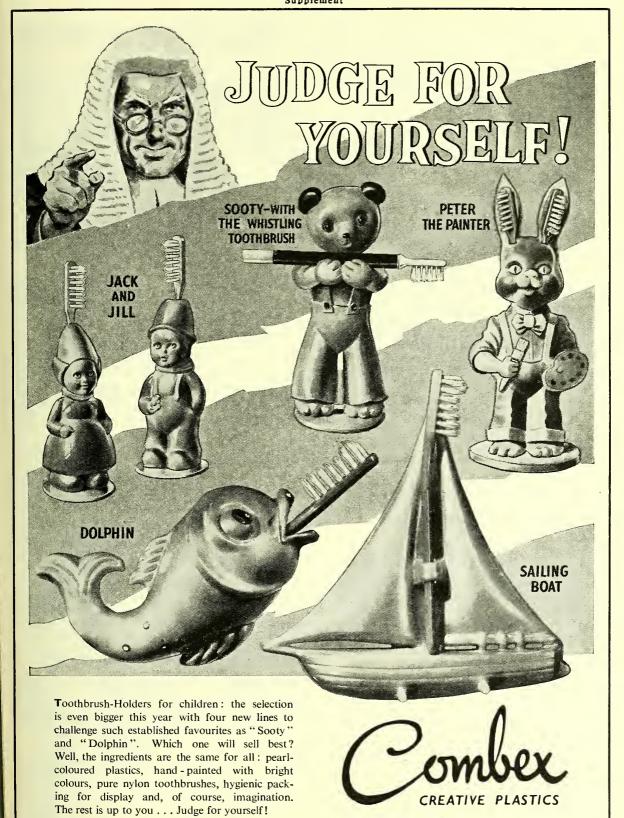


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BONUS-Thirteen to the dozen on all orders CAMTHOL LINCTUS 3/-perbott.inc.P.T. Cost 27/6
CAMTHOL PASTILLES 1/9 per tininc.P.T. Cost 14/11
CAMTHOL VAPOUR RUB 1/9 per jar inc. P.T. Cost 14/11

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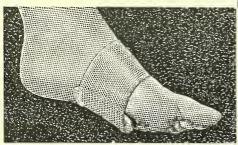
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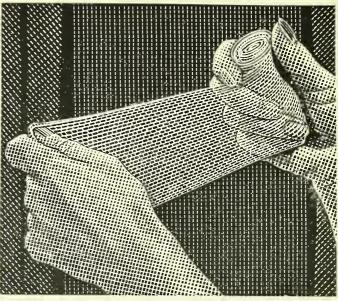
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POLYSTYRENE tubes are tough and light, and each is effectively sealed by a one-piece polythene stopper, easy to remove and easy to replace. For additional sales-appeal a wide range of colours, transparent and opaque, is available for both tubes and stoppers. Please ask today for samples and further details.

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The Pillar Pack stopper with the flexible prongs holds tablets gently in place, keeping them undamaged. No cotton wool is needed, nor labour to insert it. The tube looks neat, clean and efficient. Pillar Pack stoppers can be supplied with the $\frac{11}{16} x 2\frac{1}{2} x$





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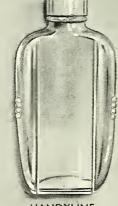
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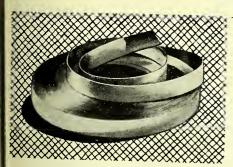
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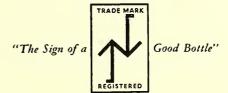
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The delicious flavour of Vitavel Syrup solves the problem of ensuring continuity of treatment where supplementation is indicated. Basic price to N.H.S. 6 fl. oz. 2[6, 40 fl. oz. 16].

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Bemax is stabilized wheat germ—the richest natural vitamin-protein-mineral supplement. Now available as plain or chocolate-flavoured.

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Part-time Pharmacist
required (20 hours a week). Whitley Council
salary and conditions of service. Apply, stating
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Hospital, Kent. C 5790

BETHLEM ROYAL HOSPITAL, BECKENHAM, KENT (Teaching Hospital for mental and

(Teaching Hospital for mental and nervous disorders)
Chief Pharmacist
Category I) required. Salary scale £627-£850, lus London Weighting as agreed by the Pharmaceutical Whitley Council. For further pariculars and application form apply to K. J. Ohnson, House Governor & Secretary, Bethlem Loyal Hospital, Monks Orchard, Eden Park, eckenham, Kent.

C 5798

DULWICH HOSPITAL, EAST DULWICH GROVE,

LONDON, S.E.22
Senior Pharmacist
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st in a busy well-equipped department (Cateory III). The hospital is associated with King's
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edical students.

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pply giving details of qualifications and exrience, with names of two referees to Group eretary, Camberwell H.M.C., Dulwich Hostal, C 5783

BETHNAL GREEN HOSPITAL, CAMBRIDGE HEATH ROAD, LONDON, E.2 Senior Pharmacist

Senior Pharmacist
Immediate vacancy, modernised department,
salary as Whitley Council scales. Canteen facilities available. Applications with names of two
referees to be addressed to the Hospital SecreC 292

ENFIELD GROUP HOSPITAL MANAGEMENT COMMITTEE

Pharmacist

Pharmaess required for duties within the Group. Salary scale £500-£725 p.a., plus London Weighting. Apply to the Group Secretary, Chase Farm Hospital, The Ridgeway, Enfield, Middlesex, giving the names and addresses of two referees.

LEICESTER ISOLATION HOSPITAL & CHEST UNIT,

HOSPITAL & CHEST UNIT, GROBY ROAD, LEICESTER
Senior Pharmacist
Applications are invited for the position of Senior Pharmacist at the above hospital. The appointment will also carry responsibilities for duties connected with the Central Purchase and Supply of drugs, etc., and work at other hospitals in the group under the direction of the Chief Pharmacist. The commencing salary, depending on experience and previous service, is within the scale of £575 p.a. x £25 to £750 p.a. plus £25 allowance for higher qualification, Apply, with the names of two referees, to Chief Pharmacist.

C 5800 Pharmacist.

MOORFIELDS EYE HOSPITAL (Category V

(Category V)
Senior Pharmacist
Applications are invited for the position of
Senior Pharmacist at this Hospital. Salary in
accordance with the Whitley Scale, together
with London Weighting. Applications, with
the names of two referees should be addressed
to the Chief Pharmacist, Moorfields Eye Hospital, City Road, London, E.C.1. C 5787

MOORFIELDS EYE HOSPITAL

Applications are invited for the position of PHARMACIST at this Hospital. Salary (plus London Weighting) in accordance with Whitley Council Scale.

Applications, with the names of two referces should be addressed to the Chief Pharmacist, Moorfields Eye Hospital, City Road, London, E.C.1.

C 5788

ST. GEORGE'S HOSPITAL, HYDE PARK CORNER, S.W.1

Pharmacist
required for this Teaching Hospital, Salary in
accordance with Whitley Council scale. Applications to Chief Pharmacist. C 5762

NOTTINGHAM No. 1 HOSPITAL
MANAGEMENT COMMITTEE
Senior Pharmacist
Applications are invited for the appointment of Senior Pharmacist to take charge of, and develop the Sterile Products Unit at the General Hospital, Nottingham.

Detailed information may be obtained from the Chief Pharmacist.
Applications stating age, qualifications, and experience, particularly in the preparation of Sterile Products, together with the names of two referees, to be sent to the Group Secretary, General Hospital, Nottingham.

C 281

MOORFIELDS EYE HOSPITAL

(Category V)

(Category V)

Assistant-in-Dispensing

Applications are invited for the position of Assistant-in-Dispensing at this Hospital. Salary (plus London Weighting) in accordance with Whitley Council Scale.

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C 5789

NAPSBURY (MENTAL) HOSPITAL MANAGEMENT COMMITTEE, nr. ST. ALBANS, HERTS. Senior Pharmacist Applications are invited for the above post, £575 x £30 (5)—£725 x £25 (2)—£775. New pharmacy in course of construction. Applications to the Group Secretary, with names of two referees, endorsed "Senior Pharmacist." C 5799

QUEEN MARY'S HOSPITAL FOR CHILDREN,

CARSHALTON
Assistant-in-Dispensing
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Salary according to Whitley Council scale plus London Weighting. Applications to the Group Secretary.

SOUTH-WEST MIDDLESEX HOSPITAL MANAGEMENT COMMITTEE. WEST MIDDLESEX HOSPITAL

WEST MIDDLESEX HOSPITAL (Category V)
Senior Pharmacist
required to take charge of new Sterile Laboratory. Should be experienced in this type of work. Salary scale £575-£775 plus London Weighting, and Higher Qualification Allowance £25 per annum. Commencing salary determined by previous experience. Whitley conditions. Applications, stating age, qualifications and experience, with copies of testimonials, and names and addresses of three referees to Chief Pharmacist, West Middlesex Hospital, Isleworth, Middlesex: C 5776

SWINDON AND DISTRICT HOSPITAL MANAGEMENT

HOSPITAL MANAGEMENT

COMMITTEE

Assistant-in-Dispensing

Applications invited for post of Assistant-in-Dispensing in Group Pharmacy. Hospital experience an advantage. Candidates should be over age 22. Salary £355 p.a. rising to £465 p.a. plus £20 p.a. for holders of A. H. Certificate or equivalent. Approved conditions, Application forms from Secretary, 7 Okus Road, Swindon, to be returned within fourteen days.

C 5801

ST. ALFEGE'S HOSPITAL, GREENWICH, S.E.10

(Category IV)

Deputy Chief Pharmacist

Applications are invited for the above post.

Salary £655-£880 p.a. in a well-equipped department at the above hospital, which may be inspected by arrangement with the Chief Pharmacist. Whitley Council conditions, Applications to Acting Secretary, G. & D./H.M.C., at above hospital.

C 5710

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BRITISH SCHERING LIMITED (Manufacturers of medical and agricultural specialities) require a young and enthusiastic Advertising Manager, aged 30-35 years, to implement the Company's mailing and advertising programmes. Applicants should preferably have had agency experience and be conversant with the preparation of all types of promotional material, for medical specialities.

The successful applicant will be required to accept full administrative responsibility for the Advertising Department. Applications should be addressed, in confidence, to the Sales Director, British Schering Limited, 229/231 Kensington High Street, London, W.8.

PFIZER LTD. MEDICAL REPRESENTATIVES

Owing to continued expansion Pfizer Ltd. wish to enlarge their Medical Representative Force and invite applications for these positions.

The Company is a British subsidiary of leading American ethical pharmaceutical house.

Preference will be given to applicants with pharmaceutical qualifications or experience with an ethical house. Good starting salary and expenses. Car provided. Non-contributory Pension Scheme. Previous applicants need not re-apply.

Applications, giving full particulars of age, experience, etc., should be made in writing to the Personnel Officer, 137/139, Sandgate Road, Folkestone, Kent, quoting ref. TN/10.

Appointments—Continued

THE LONDON HOSPITAL, WHITECHAPEL, E.1

Registered Pharmacist Vacancy exists for the above post. Salary £500 x £25 (3) x £30 (5)—£725, according to previous experience and service. Dining room facilities available. Write Secretary. C 289

WORTHING GROUP HOSPITAL MANAGEMENT COMMITTEE, WORTHING HOSPITAL, LYNDHURST ROAD, WORTHING, SUSSEX Pharmacist

Pharmacist
Applications are invited for the appointment of pharmacist (male or female), vacant November 1956, for duties in new department recently opened. Salary and conditions of service in accordance With Pharmaceutical Whitley Council Scale, age, qualifications and with the names of two referees, to be forwarded to the Hospital Secretary.

A. V. OAKTON, Group Secretary.

A. V. OAKTOL, Group Secretary. C 280

STOCKTAKERS. Orridge & Company offer permanent careers to applicants having good knowledge of retail prices, drugs, etc. Vacancies in London, Liverpool and Birmingham offices, Attractive salaries. Expenses paid, Previous experience preferred but not essential. Apply 184 Strand, W.C.2.

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LOCUM TENENS PHARMACIST of experience required to undertake a long tour of duties in the London area. Expenses and salary basis. Applications in first instance to Chief Pharmacist, Grange Road, Leyton, E.10. C 4146

RETAIL (OVERSEAS)

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A LARGE FIRM of manufacturing chemists require the services of a qualified chemist, age 30/35, with manufacturing experience, particularly in connection with malt extract. Apply stating age, details of experience and salary required to Box C 5793.

A LEADING COMPANY marketing nationally advertised specialities requires a first-class re-

A LEADING COMPANY marketing nationally advertised specialities requires a first-class representative to call on retail and wholesale chemists in the Kent area. The position offers remuneration by way of salary. Applicants, who must be between the ages of 25-40 and prepared to reside in the area, should forward full details of past experience, which will be treated in strictest confidence, to A.R. Box CD 252, L.P.E., 55 St. Martin's Lane, London, W.C.2. C 5802

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A pharmaceutical qualification is not essential but applicants should possess a good pharmaceutical background or had previous experience in Representative work. A short course of training for this interesting career will be given at our Hoddesdon offices. Good remuneration and Company car provided. Pension Scheme in force. Apply in writing: Sales Manager, Merck Sharp & Dohme, Ltd., Hoddesdon, C 5779

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WINDSOITER CO-OPERATIVE CHEMISTS, LTD., require the services of pharmacist (male or female) as branch manager. Payment on "sales" scale, plus bonus, Salary at smallest branch over £900 per year. Rota payment extra. All shops in prosperous industrial areas where sales increases are possible. 44-hour week. Applications with usual particulars to the Superintendent Chemist, Doncaster Cooperative Chemists, Ltd., P.O. Box 20, Doncaster. DONCASTER CO-OPERATIVE CHEMISTS,

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to manage attractive and modern shop with
substantial salary and bonus. Good supporting
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C4144.

superannuation benefits. Apply with full details stating when available for interview to Box C 4144.

LADY ASSISTANT REQUIRED for counter, display, stock, etc. Most agencies. (Shop being refitted November 4.) Apply stating age, experience, etc., Mr. Woollatt. 30 High Street, Banstead, Surrey. Burgh Heath 720 during day (Burgh Heath 2024 after 7 or Sunday). C 4043 RUGBY, MANAGER REQUIRED for high-class branch business. Living accommodation over shop, with private entrance. Permanency, with good prospects. Apply Philadelphus Jeyes & Co., Ltd., The Drapery, Northampton.

DULIHALL. Pharmacist required, with interest in photography, to manage a good-class establishment in this area. Splendid opportunity for promotion and development. Living accommodation provided if desired. Apply with full details, stating when available for interview, to Box C 4145.

RESTRICTIVE TRADE PRACTICES ACT

All goods marketed by us are sold subject to observance of the fixed prices published in our current price list or in the List of Proprietary Articles or supplements thereto published from time to time by the P.A.T.A.; no discount, dividend, or gift scheme allowed (whether any of the same be in cash or kind). If the purchaser is unable to conform to the above conditions all such goods must be returned immediately. - W. B. Cartwright, Ltd., Rawdon, Leeds. C 5797

BERDOE & FISH

Chemists' Transfer Agents and Valuers

41 ARGYLE SQUARE, KING'S CROSS, W.C.I (opposite St. Pancras and King's Cross Stations)

Wanted immediately good class businesses in London, Home Counties Private clients and South Coast. waiting with cash up to £10,000.

■ All Valuations and Stocktakings, carried out under personal supervision of principals.

Established i870

Situations Vacant—Continued

CLINICAL PRODUCTS, LTD., of Richmond. Surrey, invite applications for the post of Medical Representative in Eire. Preference will be given to applicants born in the Republic of Eire. Previous experience is not essential and an interest in medical matters and ability to converse intelligently with members of the medical profession are an acceptable alternative to a pharmaceutical qualification. Applications in writing giving full details of career to date and other relevant information including salary required, should be addressed to the Manager, Medical Department, Clinical Products, Ltd., Richmond, Surrey. Richmond, Surrey.

MEDICAL REPRESENTATIVES required by London manufacturing chemists to call on doctors, dentists, hospitals, and chemists, Experience of medical detailing an advantage but not essential if applicant has a good pharmaceutical background. Applications invited from pharmacists, 25 to 40 years of age, stating experience and salary required. Box C 264.

experience and salary required. Box C 204.

OPPORTUNITIES OCCUR for Pharmacists, aged 21-25, in the Pharmaceutical Division of a well-known firm of chemical manufacturers rear London. The engagement is on the manufacturing and packaging of ethical products, with opportunity for experiment in production and control methods. Salary according to qualifications and experience, with prospects of advancement. Apply initially in writing to Box C 5791.

advancement. Apply initially in writing to Box C 5791.

PHARMACEUTICAL REPRESENTATIVE for Greater London required by Company expanding range of dietary and vitamin products. Applicants must have established contacts with good-class chemists, stores. Age 28-35 years. Car provided. Salary related to experience, but a good man would be offered about £1,000. Commission agreement later. Man appointed considered as Sales Manager if results warrant. Write age, experience, last two years' earnings, recent photograph to Marketing Manager, 11 Grosvenor Hill, W.1.

C 5796 PUBLICITY MANAGER with practical knowledge medical representation required by manufacturing chemists (London arca). Applications with full particulars past experience, age and salary required to Box C 291.

REPRESENTATIVE REQUIRED with sound connection among chemists in S.E. and S.W. London. Free to carry a few packed pharmaceutical and toilet lines on a 15 per cent, commission basis. Good established connection will be banded over Box C 4002.

mission basis. Good established connection will be handed over. Box C 4092.

THE DISTILLERS COMPANY (BIOCHEMICALS), LTD.

PHARMACEUTICAL VACANCIES

Applications are invited from male pharmacists for the following vacancies in a large pharmaceutical production unit engaged in the manufacture and filling of an expanding range of antibiotic products.

SECTION HEAD to supervise the routine production of sterile bulk powders, formulation and filling of liquid injectable preparations. Some industrial experience in this type of work is required. Age limits 25-35 vcars.

PHARMACIST to work on special production problems associated with the manufacture of sterile pharmaceutical products. Experience in modern industrial pharmaceutical techniques or hospital experience would be desirable. Age limits 25-30.

PHARMACIST to work in a new production unit on granulation and tablet manufacture. Previous experience of large-scale tablet production is essential. Age limits 25-35.

25-35.

In addition to a pharmaceutical qualification a background in pharmaceutical engineering would be an advantage in these
positions. The appointments offer scope for
advancement and a good starting salary
will be offered. Non-contributory pension
and sickness schemes, three weeks' annual
holiday, canteen and social facilities. Apply
to the Personnel Manager, The Distillers
Company (Biochemicals), Ltd., Fleming
Road. Sneke, Liverpool, 19, Ouote Ref.; Company (Biochemicals), Ltd., Flemin Road, Speke, Liverpool, 19. Quote Ref. 59/56.

TRAVELLER required for north-eastern counties. Must have good knowledge of trade and know chemists covering the area. Substantial salary, car allowance, and commission. Apply Box C 283.

WHOLESALE CHEMISTS' sundries house, South London, want experienced checkers and assemblers (male or female). Good wages, pension scheme. Box C 4127.

AGENTS WANTED

Phone: TERminus 3574

AGENTS with established connections among wholesalers and large retailers only, required in Lanes; Midlands; South and West. Very good selling lines. Excellent commission. Box C 4142.

C 4142.

COMMISSION AGENT required to sell perfume compounds to hairdressers and chemists. Favourable terms offered. Write Box C 5566.

REPRESENTATIVE required to cover hospitals in Greater London area for well-introduced hypodermic syringes and needles and laboratory glassware; opportunity for ambitious man with connection to improve his position. Salary, commission, etc. Write full particulars in strict confidence. Box C 4084.

SITUATIONS WANTED

3/- for 18 words (min.) then 2d. per word. Box 1/-

WHOLESALE

A YOUNG experienced medical representative with first-class contacts seeks position with a pharmaceutical house which is looking for a hard worker. Territory Lancs. Salary £850, Box C 4133

C 4133.

MANUFACTURERS PLEASE NOTE:—Experienced Representative (34) of medical family, seeks change to position with future prospects, own car, home telephone, excellent references and record prove can sell anything. Established connection creail/wholesale chemists, cooperatives, departmentals, some medical connection throughout Sussex, Kent, Hants, Lo.W., Surrey, Dorset, Wilts, Berks. Resident Sussex, keenly interested medical representation, Tall, smart appearance, ex-R.A.F., widely travelled abroad. Propositions, Box C 4123.

REPRESENTATIVE requires change. Excellent connection with chemists, co-operative societies, departmental stores, in counties Essex, Suffolk, Norfolk, Cambridge, Hunts. Conscientious and energetic representation given. Box C 4063.

WHOLESALE (OVERSEAS)

MEDICAL REPRESENTATIVE, ten years home and Continental experience in ethical field, desires similar post in Switzerland. Fluent French. Box C 4080.

MEDICAL REPRESENTATIVES GLAXO LABORATORIES, LTD.

PHARMACISTS who are interested in an appointment as a Medical Representative are invited to approach Glaxo Laboratories, Ltd., who are about to make a limited number of appointments to their staff. The posts provide good opportunities for progress and the development of initiative. Salaries are designed to recognise merit. The Company offers liberal conditions of service which include a Pension Scheme, participation in the Company's profitability and the provision of a car. A thorough training will be given to selected candidates and in consequence no previous experience of representation is necessary. The desirable age bracket is 25 to 35.

25 to 35. Letters should be addressed to the Personnel Manager, Glaxo Laboratories, Ltd., Greenford, Middlesex. C 5803

SURGICAL FITTER MANAGER

required for our London Road Showrooms. Applications are invited for the above post. Essential qualificationsthorough experience in fitting Surgical Appliances (Trusses, Belts, etc.), knowledge of Invalid and Hospital Furniture and Surgical Instruments while not essential, is desirable.

APPLY with full details of career to date, age, salary required, etc., and when free, to-Sales Manager, John Richardson & Co., Leicester, Ltd., 62 Evington Valley Road, Leicester,

C 5794



FOREMAN TABLET MAKER

Coates & Cooper, Ltd., West Drayton, require an experienced Foreman Tablet Maker. Ability to control Staff and to plan work essential, Modern plant and good working conditions. Pension and Life Insurance Scheme. Five-day week, canteen facilities. Apply in writing to Coates & Cooper, Ltd., West Apply in writing Drayton, Middlesex.

AGENCIES WANTED

17/6 for 36 words (min.) then 4d. per word.
Box 2/-

AGENT with well-established connection with leading retail chemists in the South-west Counties, would like an additional line, preferably C.F. Box C 4124.

EXPERIENCED REPRESENTATIVE, good

EXPERIENCED REPRESENTATIVE, good connections leading stores, chemists, and hair-dressers, seeks additional agency. Pharmaceuticals, cosmetics or toilet preparations, areas West Midlands, including Birmingham, Coventry and West Country. Box C 4121.

WANTED

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Box 2jALL KINDS OF BOTTLES, JARS, SCREW
CAPS, cartons, packaging materials and
manufacturers' stocks of all kinds bought at
fair prices for spot cash. We are buyers of
merchandise of EVERY DESCRIPTION.
Clearance Stocks. Discontinued lines. Surplus
and Redundant Stocks, Should you have anything for disposal, please send us samples and
particulars. Reliance Trading Co., 13 New
College Parade, Finchley Road, N.W.3, C 153
SURPLUS supplies oil soluble synthetic lavender essential oil required. Also spirit soluble
floral essences. Must be cheap. State quantities.
Box C 4129. C 4129

Box C 4129.

TABLET MACHINE. Either a reconditioned Manesty RD 3, 2 h.p. motor, 3 phase, 50 cycle, 400/440 volts, or equivalent machine in good condition is required for immediate purchase. Please reply to Box C 4130.

WE WILL PURCHASE for cash a complete stock, a redundant line, including finished or partly finished goods, packing raw materials, etc. No quantity too large. Our representative will call anywhere. Write or telephone:—Lawrence Edwards & Co., 'd., 6/7 Wellington Close, Ledbury Road London, W.11.

Tcl.: Bayswater 4020 and 2092. C 140

MISCELLANEOUS SALES 17/6 for 36 words (min.) then 4d, per word. Box 2/-

100 BAYS of brand new adjustable steel shelving, 72 in. high by 34 in. wide by 12 in. deep, stove-enamelled hnocked down—6 shelf bay—£3 15s. Sample delivered free. Quantity discounts, N. C. Brown, Ltd., Eagle Steelworks, Hcywood, Lanes. C 5757 EAU DE COLOGNE (Johann Maria Farina) Labels, plain ungummed, round-cornered, large size, 30,000, £5 the lot. Samples s.a.e.; Pascall Grinder, 00 size, £15. Hand tube filler and closer, three nozzles, £10. Dawsons, Brimscombe, Stroud. C 4122 FOR SALE, 30 gross of 80-oz. white film win-FOR SALE. 30 gross of 80-oz. white flint win-chesters, cork mouth, half ribbed. Box C 4131.

WINTER BRIGHT FASHION **JEWELS** FREE LIST FROM

L. FRANKENBERG, LTD., 37 HOUNDSDITCH, LONDON, E.C.3

C 269

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MEDIUM SIZED D. & P. WORKS established 16 years, with enthusiastic management and staff and with the very latest equipment, would welcome your D. & P. enquiries. Postal service is per return but quality is not sacrificed. P.D.A. prices and discounts. We are members of P.D.A., W.P.F.A., and I.B.P., Mr. L. H. Morgan, Gwent Photographic Service, Snatchwood Works, Pontypool, Mon. Tel.: Talywain 355.

SALES BY AUCTION

B. NORMAN & SON, 2-5 Little Britain (close G.P.O.), London, E.C.I, will Auction on Wednesday, October 31, at 1.30 p.m. Excellent light oak Chemists' and Druggists' Shop Fittings including Drug Runs, Wall Showcases, Glass Counters with shelves, Counters with drawers, Cash Tills, Mirrors, Display Stands, Office Furniture, Safes, Typewriters, View day prior and morning of sale, Catalogues (3d. by post) on application. Tel.: Mon. 8501.

MISCELLANEOUS

THE WINNERS OF ASTRAL CREAM TRADE COMPETITION 1956 ARE AS FOLLOWS:

Ist Prize:
Miss E. Toyer, Willow Way, Luton, Beds.
Consolation Winners:
Mrs. G. Phillips, Lincoln Road, Parkstone,
Boole

Mrs. G. Filings, Poole.

Miss R. M. Routar, Kingswood Park
Avenue, Peverall, Plymouth.
Mrs. W. Tame, Langley Avenue, Amold,

Notts. Ŧ., Casterton, Birkin Avenue,

Hyson Green, Nottingham.

liss S. E. Treby, Ironhill Road, West
Park, Plymouth.

Park, Plymouth.

Mrs. I. Hemming, Marmion Avenue,
Orrell, Bootle, Liverpool 20.

Miss E. E. Goudy, Grace Avenue, Belfast.
Miss A. Turner, 10 Dane Strect, Brightside, Sheffield 9.

Miss J. Cayton, Marley Hill Avenue,
Stonehouse, Lanarks.

Mrs. J. Inight, Prestwich Avenue, Red
Hill Estate, Worcester.

C 5751



Reduced in price by approximately 12½%

Applications from retail pharmacists for credit on stocks held at closing time on October 27 should quote batch numbers and should be made direct to Eli Lilly and Company Limited within fourteen days, giving the name of the wholesaler from whom the goods were purchased.



100 mg. tablets	Old price	New price
24	37/-	32/6
100	147/6	129/-
500	722/6	645/-
200 mg. tablets		
24	69/3	60/6
100	278/6	244/-
500	1364/6	1194/-
250 mg. tablets	•	
12	40/9	34/-
100	328/-	278/6
500	1610/-	1390/-
Pediatric 60 c.c.	24/9	20/-

These reduced list prices come into effect on Monday, October 29

ELI LILLY AND COMPANY LIMITED

BASINGSTOKE ENGLAND



'Savlon' Liquid Antiseptic is ideal for household use. Containing two of the most powerful and modern antiseptics - 'Hibitane' and 'Cetaylon' - 'Saylon' cleans and disinfects at one and the same time.

Its unparalleled range of activity against bacteria, its safety and pleasantness in use, are features which will appeal to every customer. Stock and display this new home antiseptic — attractive window and counter showcards are available on request.



Savlon Liquid is now being advertised in the following national newspapers and magazines: DAILY MAIL . THE TIMES . PUNCH . GOOD HOUSEKEEPING . HOUSEWIFE IDEAL HOME · WIFE AND HOME · WOMAN'S JOURNAL · FAMILY DOCTOR



Retail Prices 2/9d. per 6 oz. bottle (including 5½d. P.T.). Subject to the usual trade discounts



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